

ORDER FOR SUPPLIES OR SERVICES										PAGE 1 OF 81	
1 CONTRACT/PURCH ORDER/ AGREEMENT NO N40085-08-D-1403			2 DELIVERY ORDER/ CALL NO 0001		3 DATE OF ORDER/ CALL (YYYYMMDD) 2008 Jul 01		4 REQ / PURCH REQUEST NO ACQR691789		5 PRIORITY DO-C2		
6 ISSUED BY NAVFAC MID ATLANTIC NORTH CAROLINA IPT 6506 HAMPTON BLVD NORFOLK VA 23508-1212			CODE N40085		7 ADMINISTERED BY (if other than 6) CODE SEE ITEM 6				8 DELIVERY FOB <input checked="" type="checkbox"/> DESTINATION <input type="checkbox"/> OTHER (See Schedule if other)		
9 CONTRACTOR TEC INC. P O BOX 5127 NAME AND ADDRESS CHARLOTTESVILLE VA 22905-5127			CODE 0L251		FACILITY		10 DELIVER TO FOB POINT BY (Date) (YYYYMMDD) SEE SCHEDULE		11 MARK IF BUSINESS IS <input type="checkbox"/> SMALL <input type="checkbox"/> SMALL DISADVANTAGED <input type="checkbox"/> WOMEN-OWNED		
14 SHIP TO SEE SCHEDULE			CODE		15 PAYMENT WILL BE MADE BY CODE N68732 DEFENSE FINANCE AND ACCOUNTING SERVICE - P O BOX 998022 CLEVELAND OH 44199		13 MAIL INVOICES TO THE ADDRESS IN BLOCK See Item 7				
							MARK ALL PACKAGES AND PAPERS WITH IDENTIFICATION NUMBERS IN BLOCKS 1 AND 2.				
16 TYPE OF ORDER		DELIVERY/ CALL		<input checked="" type="checkbox"/>		This delivery order/call is issued on another Government agency or in accordance with and subject to terms and conditions of above numbered contract					
		PURCHASE		<input type="checkbox"/>		Reference your quote dated Furnish the following on terms specified herein REF:					
ACCEPTANCE THE CONTRACTOR HEREBY ACCEPTS THE OFFER REPRESENTED BY THE NUMBERED PURCHASE ORDER AS IT MAY PREVIOUSLY HAVE BEEN OR IS NOW MODIFIED, SUBJECT TO ALL OF THE TERMS AND CONDITIONS SET FORTH, AND AGREES TO PERFORM THE SAME											
NAME OF CONTRACTOR			SIGNATURE			TYPED NAME AND TITLE			DATE SIGNED (YYYYMMDD)		
<input checked="" type="checkbox"/> If this box is marked, supplier must sign Acceptance and return the following number of copies: 1											
17 ACCOUNTING AND APPROPRIATION DATA/ LOCAL USE See Schedule											
18 ITEM NO		19 SCHEDULE OF SUPPLIES/ SERVICES				20 QUANTITY ORDERED/ ACCEPTED*		21 UNIT	22 UNIT PRICE	23 AMOUNT	
		SEE SCHEDULE									
* If quantity accepted by the Government is same as quantity ordered, indicate by X. If different, enter actual quantity accepted below quantity ordered and encircle.						24. UNITED STATES OF AMERICA TEL: (b) (6) EMAIL: (b) (6) BY: (b) (6)		25 TOTAL 26 DIFFERENCES		\$6,449,487.33	
27a QUANTITY IN COLUMN 20 HAS BEEN <input type="checkbox"/> INSPECTED <input type="checkbox"/> RECEIVED <input type="checkbox"/> ACCEPTED, AND CONFORMS TO THE CONTRACT EXCEPT AS NOTED											
b SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE						c DATE (YYYYMMDD)		d PRINTED NAME AND TITLE OF AUTHORIZED GOVERNMENT REPRESENTATIVE			
e MAILING ADDRESS OF AUTHORIZED GOVERNMENT REPRESENTATIVE						28 SHIP NO		29 DO VOUCHER NO		30 INITIALS	
f TELEPHONE NUMBER		g E-MAIL ADDRESS				<input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL		32 PAID BY		33 AMOUNT VERIFIED CORRECT FOR	
36. I certify this account is correct and proper for payment.						31 PAYMENT <input type="checkbox"/> COMPLETE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL				34 CHECK NUMBER	
a DATE (YYYYMMDD)		b SIGNATURE AND TITLE OF CERTIFYING OFFICER								35 BILL OF LADING NO	
37 RECEIVED AT		38 RECEIVED BY		39 DATE RECEIVED (YYYYMMDD)		40 TOTAL CONTAINERS		41 S/R ACCOUNT NO		42 S/R VOUCHER NO	

Section B - Supplies or Services and Prices

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001		6,449,487.33	Dollars, U.S.	\$1.00	\$6,449,487.33

FFP

0001 Marine Corps Joint Strike Fighter EIS

FOB: Destination

PURCHASE REQUEST NUMBER: ACQR691789

NET AMT	\$6,449,487.33
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ITEM NO	SUPPLIES/SERVICES	MAX QUANTITY	UNIT	UNIT PRICE	MAX AMOUNT
000101		UNDEFINED		UNDEFINED	UNDEFINED

FUND ACRN AA

FFP

Environmental Impact Statement for the Introduction and Operation of The Joint
Strike Fighter to the East and West Coast of United States of America

FOB: Destination

MAX NET AMT	UNDEFINED
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ACRN AA	\$6,449,487.33
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Section C - Descriptions and Specifications

1. Contract No: N40085-08-D-1404
Task Order: 0001
2. Project Title/Location: ENVIRONMENTAL IMPACT STATEMENT (EIS) FOR THE INTRODUCTION OF THE JOINT STRIKE FIGHTER TO THE EAST COAST AND WEST COAST OF THE UNITED STATES OF AMERICA
3. Attachments: None
4. Project Points of Contact for the East Coast:
 - a. NAVFAC Mid-Atlantic Contracting Specialist:
(b) (6)
Commander, Naval Facilities Engineering Mid-Atlantic
6506 Hampton Blvd
Norfolk, Virginia 23508-1278
Telephone: (b) (6)
E-Mail: (b) (6)
 - b. NAVFAC Southwest Contracting Specialist:
(b) (6)
Naval Facilities Engineering Command Southwest
1220 Pacific Highway
San Diego, California 92132
Telephone: (b) (6)
E-mail: (b) (6)

The contractor's responsibility is directly to the Contracting Officer. Any requested change/deviation in the scope must be brought to the attention and or/approved by the Contracting Officer. In no case will changes to the contract scope be made at the activity level or by any person other than the Contracting Officer and/or/his/her designated representatives.

- a. NAVFAC MIDLANT Navy Technical Representative (NTR)
(b) (6) Code BMEV3
9742 Maryland Ave
Norfolk, Virginia 23511
Telephone: (b) (6)
Email (b) (6)
- b. NAVFAC Southwest Navy Technical Representative (NTR):
(b) (6) Code 5C0
NAVFAC SOUTHWEST/ Code 5C0
937 Harbor Dr
San Diego, CA 93132
Telephone: (b) (6)
E-Mail: (b) (6)

The NTR is authorized by the Contracting Officer to perform general oversight technical administration of the negotiated contract. The NTR will administer the scope and outside agency interface, and provides criteria and technical oversight.

5. Schedule of Fees:

TOTAL CONTRACT TASK ORDER VALUE: \$6,449,487.33

6. Submittal Due Dates: See Scope of Work for East and West Coast

7. Project Submittal Requirements and Distribution:

A detailed schedule of submittals will be developed for each deliver order as part of the program management plan in concert with the NTRs; however, general schedule milestones, subject to refinement, are as follow:

Notice of Intent (Federal Register and Local Newspapers)

Scoping

Draft Environmental Impact Statement (DEIS)

Final Environmental Impact Statement (FEIS)

Record of Decision (ROD)

ENVIRONMENTAL IMPACT STATEMENT (EIS)
FOR THE INTRODUCTION AND OPERATION
OF THE JOINT STRIKE FIGHTER (JSF)
TO THE UNITED STATES OF AMERICA

1.0 Purpose of Contract:

This contract will provide the services necessary for the preparation of an Environmental Impact Statement (EIS) and all other required documentation: (Notice of Intent, scoping and public involvement process) associated with the National Environmental Policy Act review of the proposed introduction and projected operations of the Joint Strike Fighter (JSF) aircraft to the United States Marine Corps (USMC). Options are provided in this SOW to allow funding to be split in different fiscal years (FY08, FY09, and FY10). The U. S. Marine Corps (USMC) proposes to introduce and operate the JSF aircraft on the East Coast and West Coast of the United States. Given the difference in geographic locations and the unique resources associated with them, this contract covers the preparation of two EISs to distinctively analyze impacts on each Coast of the United States. For clarity purposes, Attachments A1 and A2 provide the specific requirements for the preparation of the East Coast EIS and the West Coast EIS, respectively. Both attachments constitute the complete Statement of Work under this contract.

All work shall be conducted in accordance with the Statement of Work, the National Environmental Policy Act (NEPA) of 1969; Council on Environmental Quality (CEQ) regulations (40 CFR Part 1500 et. Seq.), Marine Corps Order (MCO) P5090.2A, change 1, Chapter 12, and all applicable Executive Orders. The Contractor shall perform such services as described in the Statement of Work (SOW) and shall receive direction pertaining to contract matters and changes in the SOW only from the Contracting Officer. Technical guidance will be received from the designated Government Project Manager (PM) for each EIS.

The contractor shall assign a Project Manager to each EIS with oversight by one Program Manager. The Program Manager will be responsible for ensuring consistency, as applicable, between the East Coast EIS and the West Coast EIS. USMC will designate a project coordinator to be the main POC between Government PMs and contractor.

Statement of Work

ENVIRONMENTAL IMPACT STATEMENT (EIS) FOR THE INTRODUCTION AND OPERATION OF THE JOINT STRIKE FIGHTER (JSF) TO THE EAST COAST OF UNITED STATES OF AMERICA

1.0 Introduction

The materials provided in this Attachment focus on project information and requirements associated with the East Coast EIS.

2.0 Background

A series of pre-environmental studies for the East Coast of the United States was awarded under separate contract, N62470-06-D-7101, in 2007. These studies, currently underway, are evaluating aviation operational, training, noise issues, and Department of Defense (DoD) aviation training centers located within a reasonable distance from the 2 Marine Corps Aviation training centers. The first training center is located at MCAS Beaufort Townsend Range, Georgia and the second at Cherry Point/Camp Lejeune range complex, North Carolina. The purpose of the studies is to identify potential reasonable sitting locations for the JSF on the East Coast. The studies will provide an analysis of operational and facility requirements, comparison of requirements with actual adequate assets, and develop site plan concepts needed to support both the primary and secondary level of facilities for the JSF. The pre-environmental studies will consider reasonable DoD alternatives for basing the JSF.

The scope of the pre-environmental studies contract also includes preparation of a Description of Proposed Action and Alternatives (DOPAA). The DOPAA will become Chapter 1 and Chapter 2 of the EIS. Chapter 1 will be the purpose and need for the action and any pertinent background information. Chapter 2 will be a description of the proposed action, preferred alternative, no action alternative, and action alternatives. The DOPAA should be completed by October 2008.

Recent discussions regarding the timeline for the JSF Introduction to the East Coast resulted in a decision to initiate the EIS concurrently with Initial Siting Study. It is assumed that a Notice of Intent (NOI) of an EIS for the introduction and operation of the Joint Strike Fighter (JSF) to the East Coast of the United States could be submitted by February 2009.

2.1 Project Description:

The JSF is a 5th generation, stealth, supersonic, multi-role, short takeoff, vertical landing (STOVL) strike fighter that will replace the AV-8B Harrier and the F/A-18 A/C/D Hornet to meet the United States Marine Corps (USMC) mission requirements. The STOVL variant, designated F-35B will perform five (5) of the six (6) functions of Marine Corps Aviation: Offensive Air Support, Anti-air Warfare, Electronic Warfare, Aerial Reconnaissance, and Control of Aircraft and Missiles. The F-35B will be the world's first operational supersonic STOVL aircraft. The F-35B will have a stealthy, belly-mounted 25 mm missionized gun pod and a combat radius of more than 450 NM- nearly two times that of legacy STOVL strike fighters. A shaft-driven lift fan, in combination with a vectoring rear exhaust nozzle, gives the F-35B the ability to take off in short distances, accelerate to supersonic speeds in level flight, and land vertically. The East Coast EIS will distinctively address the impacts associated with the JSF introduction and replacement of AV-8B and the F/A-18 A/C/D to the 2D Marine Aircraft Wing (MAW). The advanced avionics coupled with a transformational design will provide unprecedented support to the Marine Air-Ground Task Force (MAGTF).

Marine Corps Aviation plans to establish a Pilot Training Center (PTC) (2 FRS), 10 operational squadrons replacing the legacy AV-8B and F/A-18 squadrons, 1 reserve squadron and 2 potential EA-6B replacement squadrons on the East Coast. Each FRS will have 20 aircraft. It is assumed that legacy F/A-18 A/C/D Hornet squadrons will be replaced by 10-plane JSF squadrons, the AV-8B Harriers will be replaced by 16-plane JSF squadrons, and the 4

EA-6B Prowler squadrons will be replaced with two 10 plane squadrons. The USMC plans that the 16 plane squadrons will have the ability to cut out a 6 plane Det for MEU deployment and still have the 10 plane core. Training will be the same between the 16 and 10 squadrons.

The PTC is scheduled to be introduced in FY 14. Operational squadron Initial Operating Capability (IOC) is expected by FY 16 when the first operational squadron receives their complement of aircraft with the required support, technical publications, trained maintenance personnel and aircrew, to include initial spares with interim support and is fully combat capable.

NEPA analysis will examine the impacts and alternatives for replacement (including new construction), renovation and or demolition of facilities used to house and maintain the AV-8B Harrier, F/A-18 A/C/D Hornet and EA-6B Prowler, including buildings, utilities, and infrastructure. Also the disposal of the existing aircraft will be addressed in the NEPA document. A JSF site survey report prepared by Lockheed Martin under direction from HQMC and the JSF Project Office is complete for MCAS Beaufort and can be made available to the contractor. In addition, the analyses will examine the impacts associated with the JSF operations on the East Coast, which will include operations beyond the airspace associated with the installations being considered for homebasing the aircraft. For estimating purposes, the Contractor shall assume that operations will be conducted within existing special use airspace/military Restricted Areas, existing routes, and existing Landing Zones (LZs) /Drop Zones (DZs), Military Training Routes (MTRs) and targets. However due to emerging JSF training requirements, the Contractor shall be prepared to address timely proposals for reconfiguration of existing airspace in order to accommodate these potential requirements (or mitigation measures). The Contractor shall further assume the construction/site development including runway, apron and taxiway upgrades maybe necessary to accommodate JSF operations. Airspace, airfield and air operation analysis and development will be integrated into this SOW and the resulting EIS. There should be separate sections discussing airspace, airfield, and air operation analyses and development.

Environmental issues associated with the proposed action include potential impacts related to noise, potential impacts on threatened and endangered species, potential impacts to protected species, potential impacts to soils and geology, potential impacts to ground or surface waters, potential impacts to wetlands, potential impacts to air quality during facility construction and aircraft operation, and potential impacts to cultural resources. Among these resource areas, noise and air quality are anticipated to be the most controversial. The potential need for natural and cultural resources surveys will be determined based on the operational data gathering efforts and DOPAA development and is not identified in this SOW. If natural and/or cultural resources surveys are needed, they will be covered under a separate task order.

The NEPA analysis will require preparation of an Operational Data Summary that will quantify current AV-8B Harrier and the F/A-18 A/C/D Hornet operations and future JSF training operations at MCAS Cherry Point, MCAS New River, MCAS Beaufort, and selected MTRs. A Training and Readiness (T&R) Manual is being developed for the JSF. It is expected that the number and type of operations will be based on the AV-8B (NAVMC Directive 3500.99) and the FA-18 (NAVMC Directive 3500.107) T&R Manual(s). For range use, it is assumed that the JSF will fly 80% like an F/A 18 and 20% like an AV-8B with a more air to air component. It is anticipated that the F-35B will perform approximately 10% more training (~55% vice ~45%) via simulators than legacy aircraft

Included in the EIS analysis will be an analysis of alternatives: the no action alternative, proposed action, preferred alternative, and action alternatives. The identification of the range of feasible alternative locations will be based on the results of the pre-environmental studies and need statement for the JSF on the East Coast.

Headquarters Marine Corps, Department of Aviation, is identified as the Action Proponent.

The products of this delivery order may contain classified information. Some aspects of a proposed action may involve information not releasable to the public because it is classified or for some other legal reason. The Contractor shall prepare, safeguard and disseminate the EIS, both draft and final, per the requirements applicable to classified or sensitive unclassified information. When feasible, the Contractor should organize the documents in such a manner to include the classified or sensitive unclassified portions as appendices. In this way, unclassified portions can be made available to the public. Some cultural resources information may be considered sensitive and not releasable. All

information, data, maps, and reports generated under this contract will be considered Department of the Navy (DoN) property and shall not be disseminated, either verbally or in written form, without prior written approval by the Government PM.

3.0 REFERENCES/COMPLIANCE REQUIREMENTS

The Contractor will ensure that all work completed under the requirements of this SOW complies with the following references and compliance requirements.

References

The EIS shall refer to the following documents when appropriate:

- United States Marine Corps, Department of the Navy, 2004, SOCAL Range Required Capabilities Document (RRCD)
- United States Marine Corps Department of the Navy, 2001, Ranges to Readiness (R2R) Study
- United States Marine Corps Department of the Navy, 2003, East Coast Aviation Plan

Compliance Requirements

- The National Environmental Policy Act (NEPA) of 1969, 42 U.S.C. 4321, as amended.
- Council on Environmental Quality (CEQ) Regulations For Implementing the National Environmental Policy Act, 40 C.F.R. 1500-1508, 1 July 1986.
- United States Marine Corps Department of the Navy, Marine Corps Environmental and Natural Resources Program Manual, MCO 5090.2A, Change 1, Ch-12
- Endangered Species Act of 1973 (ESA)
- Joint Regulations (United States Fish and Wildlife Service, Department of Commerce); Endangered Species Committee Regulations, 50 CFR 402 Interagency Cooperation.
- Fish and Wildlife Coordination Act, 16 U.S.C. 661-666c.
- Migratory Bird Treaty Act, 16 U.S.C. 703-711.
- Bald and Golden Eagle Protection Acts, 16 U.S.C. 668-668d.
- Archaeological and Historic Preservation Act of 1974
- Clean Air Act and Amendments
- Clean Water Act, including NPDES permits
- Corps of Engineers, Department of the Army, Regulations, 33 C.F.R. 320-330.
- Safe Drinking Water Act, 42 U.S.C. 300f.
- Executive Order 11593 – Protection and Enhancement of the Cultural Environment, May 13, 1971.
- Executive Order 11988 – Floodplain Management
- Executive Order 11990 – Protection of Wetlands
- Executive Order 12114 –Environmental Effects Abroad of Major Federal Actions
- Executive Order 12898 – Environmental Justice
- Executive Order 13045 – Environmental Health and Safety Risks to Children
- Executive Order 13186 – Responsibility of Federal Agencies to Protect Migratory Birds, January 11, 2001.
- Presidential Proclamation 7264 – California Coastal National Monument, Jan 11, 2000
- Land and Water Conservation Fund Act of 1965
- Wild and Scenic Rivers Act, as amended
- Native American Graves Protection and Repatriation Act, 25 U.S.C. 3001 & 40 C.F.R. 10.
- Noise Control Act
- Resource Conservation and Recovery Act, (Solid Waste Disposal Act), 42 U.S.C. 6901.
- Comprehensive Environmental Response, Compensation and Liability Act, 42 U.S.C. 9601.
- Emergency Planning and Community Right-to-Know Act, 42 U.S.C. 11001.
- Pollution Prevention Act of 1990, 42 U.S.C. 651 et seq.

- National Historic Preservation Act, 16 U.S.C. 470, as amended and 36 C.F.R. 800: Protection of Historic Properties.
- Antiquities Act of 1906, 16 U.S.C. 431
- Archaeological Resources Protection Act of 1979, 16 U.S.C. 470aa-470mm.
- American Indian Religious Freedom Act of 1978, 42 U.S.C. 1996.
- Atomic Energy Act, 42 U.S.C. 2011.
- Occupational Safety and Health Act of 1970, 29 U.S.C. 651.
- Marine Mammal Protection Act
- National Oceanic and Atmospheric Administration Federal Consistency Regulations (15 CFR Part 930)
- The Mining Act of 1971, NC GS Chapter 74, Article 7
- FAA Order 7400.2, Procedures for Handling Airspace Matters

4.0 SERVICES REQUIRED

Each of the Sections below details the services, products, meetings and time expectations to complete the NEPA documentation for this project. Allotted times within this SOW are expressed in terms of business days except where specifically noted. Section 4.12 (Microsoft Projects Schedule) provides a discussion of working days. The designated submittal dates provided in this SOW are general guidelines for estimating purposes and use in preparation of the Microsoft Projects Schedule. The Contractor is encouraged to have submittals precede the established deadlines, wherever possible, in order to create "float" within the project and avoid future delays if subsequent tasks should exceed their estimated timeframe.

Wherever possible in this SOW, the number of days associated with each meeting and the number of copies of all printed material is provided to establish a common basis of cost estimating. Meeting minutes are required to be prepared by the Contractor for distribution to the EIS team and are included in the tasking for meeting attendance. Some deliverables are requested in electronic format. Due to Marine Corps/Marine Corps Internet restrictions, electronic mail attachments over 10 MB in size will not be acceptable. Any electronic deliverables exceeding the 10 MB size will be made available via the project web site or through use of a secure FTP site with e-mail notice to appropriate recipients. Data should be compatible with the Marine Corps Range Database.

The following table shows efforts included in this SOW that are discussed in detail in the appropriate sections. With receipt of this SOW, the Contractor has also been provided a template for preparing a fee proposal using an Excel spreadsheet. The Contractor will utilize this template and will not deviate from its format without first conferring with the Government PM and Contracting Officer.

Element #	SOW Element Title
4.1	Kickoff Meeting,
4.2	Public Involvement Plan,
4.3	NOI
4.4	Scoping, Meetings
4.5	Web Site
4.6	Refinement/Revisions to Chapters 1 and 2 (Based on DOPAA prepared under separate contract)
4.7	IDEIS Development to DEIS
4.8	DEIS Public Hearings and Comments Compilation/ DEIS Public Hearings, Comments Review Meeting
4.9	Additional Noise Analyses
4.10	Clean Air Act Conformity Analysis (CAACA)
4.11	Coastal Consistency Determination
4.12	Project Team Meetings, HQMC & MCI East and MCI West Briefings
4.13	Microsoft Project Schedule and Project Management Plan
4.14	Project Record

4.15	Option: IFEIS Preparation to FEIS
4.16	Option: FEIS Submittal and Notification
4.17	Option: Compile Consultation and Draft ROD
4.18	Option: Other Supporting Documents
4.18.1	Biological Assessment and Consultation Meetings
4.18.2	Cultural Resources
4.18.3	Wetlands Survey and Delineation Report
4.19	Meetings
4.20	Deliverables
4.21	Schedule
4.22	Contract Evaluation
4.23	General

4.1 PROJECT KICKOFF MEETING

The Contractor will a) hold a Project Kickoff Meeting, and b) prepare minutes of this meeting.

Upon award of the delivery order, the Contractor will contact the Government PM to arrange a Project Kickoff Meeting date for the EIS. Location for the East Coast meeting will be at MCI East in the MCB Camp Lejeune, Jacksonville, NC area and will be a one-day meeting with an additional day allowed for travel. The purpose of the kickoff meeting is to: a) discuss the requirements contained in the SOW, b) review the draft Microsoft Projects milestones and schedule submittal, c) review the developed and initial list of reasonable alternatives, d) review any pending Operational Data and, e) establish an action list for the Public Involvement Plan (PIP) and Scoping process. The Contractor will prepare and disseminate a Kickoff Meeting Agenda five (5) days prior to the meeting.

The Contractor shall be responsible for preparing and disseminating minutes within 5 days following the Kickoff Meeting. Minutes will be in an electronic format for dissemination by e-mail and posting to the Marine Corps-only access portion of the project web site (See Section 4.5).

4.2 PUBLIC INVOLVEMENT PLAN

The Contractor will be responsible for preparing a Public Involvement Plan (PIP).

The Contractor will coordinate with the Government PM, local commands MCI EAST Community Plans & Liaison Office (CPLO) and Marine Corps Public Affairs Offices to produce a Public Involvement Plan (PIP). The purpose of such a plan is to determine what actions must be taken during the course of this project to properly and most effectively conduct public communications and out-reach. A meeting will be held with appropriate Public Affairs representatives for all DoD bases included in Area of Potential Effect. Cultural Resource, Natural Resource, NEPA specialists and other subject matter experts with experience in the study area will discuss and develop what must be included in the PIP. The PIP should include, at a minimum, discussion of political, environmental justice, socioeconomic, natural resources, and cultural resources issues that could be important during the EIS process, as well as a discussion of the outreach techniques to be employed throughout the life of this project. These techniques will include identification of newspapers to be utilized for public notices or media releases, types and size of ads that should most effectively be utilized within the newspapers, the use of other public media such as radio or television, the number of public meetings and best locations for scoping and public hearings, roles of Government and Contractor personnel, how fact sheets may be utilized, and other pertinent issues that might be appropriate for this location. The PIP will also determine the requirement for multilingual information. The PIP will include the public and internal mailing lists for the project and notification lists (such as, which Public Affairs Officers [PAOs] need to receive copies of ads prior to their publication). The PIP must also include a discussion on use and content of the project web site described in Section 4.5.

The Contractor will hold the PIP development meeting with the Kickoff meeting and allow one extra travel day for this effort. The Contractor will provide a PIP Meeting agenda five (5) days prior to the meeting. A draft PIP will be developed and an electronic copy submitted to Marine Corps within 20 days after the PIP development meeting. The Contractor will incorporate Government comments and provide 10 printed copies and an electronic version of the Final PIP within 10 days of receipt of Marine Corps comments. The Contractor will distribute the 10 copies via express mail as directed by the Government PM.

4.3 NOTICE OF INTENT (NOI)

The Contractor shall prepare a) a NOI for (HQMC) for Federal Register publication, b) a newspaper block advertisement, and c) letters to notify public/stakeholders of the intent to prepare an EIS for this proposed action.

4.3.1 NOI

The Contractor will prepare a draft NOI and will submit it electronically for review by the Marine Corps within 20 days after the Project Kickoff Meeting. Government review will be allotted 5 days. The Contractor will incorporate government comments and submit an electronic final version of the revised NOI to the Marine Corps within 5 days of receipt of comments. The NOI will include the project purpose and need, description of location, proposed action, and alternatives to be analyzed. If available, scoping meeting dates, locations, and times will be included in the notice.

A draft of the PIP will also be submitted to HQMC with the draft NOI.

The Contractor shall provide a briefing to MCI East on status and content of the NOI before it is forwarded up the chain of command.

4.3.2 Block Advertisement

The Contractor will be responsible for preparing an NOI for publication in local newspapers in the project area as designated in the PIP. For estimating purposes, the Contractor should assume five (5) newspapers will be used for three consecutive days. The Contractor will be responsible for actions and costs associated with the publication of the notice. Three subject-specific handouts (NEPA process, PIP contact information, and other information), and 5 fact sheets (JSF facts, etc.) will be utilized where appropriate as determined in the PIP. The appropriate type and size of ad will be determined and documented in the PIP, but for estimating purposes, the Contractor should assume that a 1/16th page size block advertisement is the preferred size and type of newspaper notification. A legal notice alone is normally not sufficient for this notification. A draft of the block ad will be prepared by the Contractor and submitted electronically to the Marine Corps for review within 15 days after the Project Kickoff meeting. The Contractor will incorporate Marine Corps comments and provide an electronic final copy of the block ad to the Government PM within three days after receipt of Marine Corps comments. The Contractor will ensure that the block ad is published in the appropriate newspapers within 3 days after the NOI is printed in the Federal Register. The Contractor will post the notice to the public access portion of the project web site (see Section 4.5). The Contractor will provide a copy of the printed ad and affidavit from the publishing source to the Government PM within 30 days after publication. The Contractor will be responsible for providing an electronic copy of the notice to the PAO(s) listed in the PIP prior to publication in the newspaper.

4.3.3 Notification Letters

The Contractor will prepare an electronic draft of the public/agency notices for review by the Marine Corps within 15 days after the Project Kickoff Meeting. The Contractor will incorporate comments and prepare the final notice for the Marine Corps approval within five days after receipt of Marine Corps comments. The notice will include a description of the proposed action, the scoping process, including scheduled scoping meeting dates and locations. The notice will be edited appropriately for various addressees as concluded in the PIP prepared under this SOW. The mailing list is anticipated to number 500 addresses. The draft and final versions of the notice will be submitted to the Government PM electronically. The Contractor will validate the comprehensive mailing list for distribution of the Public Notice provided in the PIP. The updated list will be available for review no later than 10 days prior to the planned mailing date. The Contractor shall be responsible for distributing Public Notification letters that are signed by the Marine Corps to all appropriate and interested Federal, State, Local, and Tribal government agencies,

Non-government organizations, persons expressing an interest in the proposed action, and adjacent property owners. Upon Government PM concurrence with the letter and mailing list, the Contractor will print and mail the final Public Notice. Notices will be mailed to make delivery as soon as possible after the Federal Register NOI publication, but not prior to that date. For purposes of preparing the Fee Proposal, the Contractor should assume that 500 copies of the notification letter must be printed and mailed First Class. The Contractor shall be responsible for paying the postage.

4.4 SCOPING

The Contractor will be responsible for a) preparing scoping notices, b) supporting agency briefs, c) holding pre-scoping meetings with other agencies (i.e. FAA), d) holding a Pre-Scoping meeting with the Marine Corps, e) preparing scoping meeting materials, f) coordinating all aspects of the scoping meeting, and g) hosting a public scoping comment review meeting.

The Contractor will prepare a Notice for Scoping Meetings as required. The notice will be submitted electronically to the Marine Corps within 20 days after the notice to proceed. HQMC will prepare the endorsement and submit this to the Assistant Secretary of Navy (ASN). This notice will be published in the Federal Register via the ASN.

The Contractor will be responsible for preparing a Notice of Scoping Meetings for publication in local newspapers in the project area, as determined in the PIP. For estimation purposes, the Contractor should assume five (5) newspapers. If possible, the Contractor will try to combine publication of this notice with the NOI, but should assume separate publication efforts for purposes of preparing a cost estimate for this SOW. The Contractor will be responsible for actions and costs associated with the publication of the notice. The appropriate type and size of ad will be determined and documented in the PIP, but for estimating purposes, the Contractor should assume that a 1/16th-page block advertisement is the preferred size and type of newspaper notification. A legal notice alone is normally not sufficient for this notification. A draft of the block ad will be prepared by the Contractor and submitted electronically to the Marine Corps within 20 days after the Notice to Proceed. The Contractor will incorporate Marine Corps comments and provide an electronic final copy of the block ad to the Government PM within three days after receipt of Marine Corps comments. The Contractor will ensure that the block ad is initially published in the appropriate newspapers at least 15 calendar days prior to the Scoping Meeting dates. The ad should be repeated in the newspapers once, five to ten days prior to the Scoping Meeting, and then printed the three consecutive days prior to the Scoping Meeting date. The Contractor will post the Ad to the public portion of the project web site (see Section 4.5). The Contractor will provide an electronic copy of the printed ad and affidavit from the publishing source to the Government PM within 30 days after publication. The Contractor will be responsible for providing a copy of the notice to the PAOs as listed in the PIP prior to publication in the newspaper.

The Contractor will hold a Pre-Scoping meeting with the Marine Corps and other agencies that may be either cooperating agencies or stakeholders in the decision-making process. These agencies may include but are not limited to the Federal Aviation Administration (FAA), and the U.S. Fish and Wildlife Services (USFWS). For Cost estimating purposes, the Contractor shall assume up to three (3) pre-scoping meetings with these agencies to coordinate potential issues where they may be part of the solution. These meetings may be scheduled at anytime before the Public Scoping meeting with specific times being designated by the Government PM. In addition to these three (3) meetings, the Contractor shall hold a separate Pre-Scoping meeting with the Marine Corps. This meeting will be held prior to the initial Scoping Meeting at a time designated by the Government PM, normally three (3) to ten (10) days prior. The purpose of the meetings will be to review all materials that will be utilized at the Scoping Meeting; discuss details of meeting locations, room setups, and information station assignments; establish ground rules and instructions for scoping meeting participants; discuss how frequently asked questions should be answered; and address any other logistical details. The Contractor will prepare and distribute the meeting agenda via e-mail to all attendees five days prior to the meeting. For the East Coast EIS, meeting location will be in the MCB Camp Lejeune, Jacksonville, NC area. Travel time for the Contractor for the pre-Scoping Meeting shall be one day for the meeting with an additional day for travel.

The Contractor will be responsible for preparing all display materials, acquiring an adequate meeting location to accommodate anticipated size of attendees, and assist in conducting scoping meetings. Five (5) open-house poster

style-scoping workshops will be utilized for the purpose of most efficiently providing information to the public and receiving public comment. The open-house format may include information stations, posters, videos, power point presentations, handouts, fact sheets, and appropriate technical experts to discuss details with attendees. The Contractor will make the effort to find no-cost public library, school, and local government facilities conveniently located to hold the meetings. The Contractor is responsible for meeting place rental costs, should it be necessary. The Contractor's responsibility includes having the appropriate furnishings, audio/visual equipment, and appropriate technical team members, to man the information stations (this may include a combination of Contractor and Marine Corps personnel). The Contractor will prepare electronic drafts of posters, fact sheets, and handouts and will submit these materials to the Government PM for review no later than 10 days prior to the pre-scoping meeting, and subsequently to the appropriate PAOs. Upon approval, the Contractor will print posters with sufficient quality that could be utilized for multiple meetings and for the Public Hearings later in the EIS process. For purposes of preparing a Fee Proposal, the Contractor should assume that 20 color posters and 400 copies of five different handouts (EIS schedule, NEPA process), and five fact sheets (AICUZ, and other subjects) will be required for each scoping meeting. Suggested content for the posters is: JSF background information and capabilities, installation and facility maps, Range maps, existing operations, and proposed action and alternatives.

An electronic version of the handouts and fact sheets will be made available on the public portion of the project web site. Each scoping meeting will require two days for set-up and hearing and one additional day for travel. On the same day of the initial Scoping Meeting or the day prior (as appropriate), the Contractor will hold a "dry-run" dress rehearsal of the meeting with all participants.

The Contractor shall provide support to the Marine Corps through attendance and participation in pre-Scoping Agency, Tribal, and Chain of Command briefs as requested by the Government PM. The Contractor may be asked to prepare presentation slides, fact sheets and handouts for these briefs. Assume that a total of 50 copies of a printed single page handout will be required in addition to 50 copies of a 10-page printed power point presentation for a total of 550 printed pages. The Contractor will work closely with the Government PM and PAOs to develop presentation, fact sheets, and handouts. The Contractor should assume that this effort would require five meetings of one-day duration each. For estimation purposes, the Contractor should assume that this would include two trips of four (4) days duration each, including travel.

The Contractor will hold a Scoping comment review meeting within 10 days after the end of the Public Scoping Period. The Contractor will list and discuss public comments, and propose how and where comments are to be covered in the documentation. The Contractor may use scoping comment inputs to develop criteria to assist developing reasonable alternatives, to drop alternatives from detailed analysis, and to identify pertinent issues for detailed assessment. The Contractor will prepare a composite list of Public Comments and a meeting agenda and disseminate these electronically 3 days prior to the Scoping comment review meeting. The Contractor will be prepared to discuss review and update of the DOPAA at this meeting. The Contractor will prepare minutes from this meeting and disseminate the minutes electronically within 5 days following the meeting.

4.5 WEB SITE

The Contractor will create and maintain a web site for this project.

A project web site will be activated and maintained by the Contractor within 20 days of notice to proceed. The web site will have a public access portion and a "Marine Corps-only" access portion. The "Marine Corps-only" access portion will be password protected. The Government PM will provide the Contractor with a list of Government personnel who require a password and access to the site with read-only privileges. The Contractor will send an e-mail notification to Marine Corps-users with web-site access information, the person's username, and password.

The public access portion of the web site will provide copies of the Scoping meeting handouts, fact sheets, DEIS, FEIS and ROD for viewing and download by the public. It will also include all public notifications including the NOI, notice of public scoping meetings, notice of DEIS availability, DEIS public hearing notification, and a notice of availability for the FEIS. Additionally the public access portion will provide public comment forms that can be downloaded and used to submit scoping comments and DEIS public comments.

The Marine Corps-only portion of the web site will contain a current list of project stakeholders, meeting minutes, monthly progress reports, project schedule, electronic copies of the most recent version of the DOPAA, IDEIS, DEIS, FEIS and other information that needs to be shared or accessible to the project stakeholders. The project stakeholder list will include names, telephone numbers, FEDEX addresses, and e-mail addresses. The web site will facilitate routing approval of documents that require coordination and review for the EIS.

The project web site will remain active for six calendar months after approval of the ROD. Information from the web site will be archived to a CD prior to disestablishment of the project web site. A copy of the CD containing the archived material will be sent via express mail to the Marine Corps.

4.6 REFINEMENT OF CHAPTERS 1 AND 2, DESCRIPTION OF PROPOSED ACTION AND ALTERNATIVES DOPAA

The Contractor will review and revise, as needed, the draft DOPAA submitted as part of the Siting Study.

The draft DOPAA will consist of the first two sections of the NEPA analysis. The first section will be the purpose and need for the action and any pertinent background information. The second section will be a description of the proposed action, preferred alternative, no-action alternative, and action alternatives. Based on existing data, the Contractor will make a recommendation of the appropriate environmental data baseline for this NEPA document. After receiving scoping comments, the Contractor will review the DOPAA for accuracy and completeness and revise it as needed within 15 days after the scoping comment review meeting. The revised DOPAA shall be submitted to the Government PM electronically.

This product will be central to the initial development of the internal draft EIS (IDES). The DOPAA will be posted on the Marine Corps-only access portion of the project web site.

4.7 INTERNAL DRAFT ENVIRONMENTAL IMPACT STATEMENT (IDEIS) AND (DEIS) PREPARATION

The Contractor will be responsible for a) preparing a DEIS that will include multiple versions of the internal draft, and b) printing and disseminating the DEIS.

The Contractor will prepare a DEIS from the approved DOPAA. In the preparation of this key product it is anticipated the Contractor will prepare several versions of the preliminary DEIS for Marine Corps review before the DEIS is approved. All EIS versions will be posted on the project website. A template of the Table of Contents for the DEIS is provided in Appendix A of this SOW. The first version should be labeled IDEIS Version 1. This label should be prominently displayed on the cover of the document and in the header of each page of the document for this and all subsequent versions. Up to seventy (70) copies will be printed and distributed via express mail for EIS Team review. All Marine Corps stakeholders will review IDEIS Version 1. All internal versions of the DEIS will include printed line numbers on each page to facilitate the document review and location of comments.

The Contractor will host a Tiger Team review meeting to review and resolve document comments on Version 1. The Contractor will prepare 70 printed copies of IDEIS Version 2 and express mail the document to the EIS review team and HQMC/ DASN/ Office of General Counsel (OGC) reviewers within 20 days after receipt of Marine Corps comments on Version 1. A second IDEIS Tiger Team review meeting will be hosted by the Contractor to review Version 2 comments. The Contractor will prepare 70 printed copies of IDEIS Version 3 incorporating Marine Corps review comments. The Contractor will express mail these copies as directed by the Government PM within 15 days of receipt of Marine Corps comments on Version 2. All of these IDEIS versions may be bound in the most economical manner as agreed upon between the Contractor and Government PM.

Upon concurrence of all Marine Corps reviewers, the Contractor will prepare 10 printed copies of the DEIS in final format for DASN briefing and express mail these copies as directed by the Government PM 5 days after receipt of Marine Corps comments on version 3. The Contractor shall provide a briefing to MCI East on the status and

content of the DEIS before it is forwarded up the chain of command to HQMC. During the HQMC/DASN/OGC review and brief process there is normally a requirement for edification and printing of additional pages or supplemental pages to the document. These are usually short notice and immediate action items. The Contractor will be responsible for providing these changes and pages throughout the review and approval process as requested by the Government PM. Assume 400 pages would require editing, printing, and express mailing.

The final format DEIS will be of high quality printing and bound in a three-ring binder. The Contractor will update the PIP mailing list of interested agencies and persons for distribution of the DEIS and submit this list electronically for Marine Corps review and approval concurrent with delivery of the DEIS to HQMC for DASN Brief. After DASN approval of the DEIS, the Contractor will print 200 copies of the DEIS and mail it via First Class to everyone on the approved list and to others that request a copy during the public comment period. These copies should be mailed to coincide with the publication of the Notice of Availability in the Federal Register. Additionally, the Contractor will prepare 200 copies of the DEIS on CD in Adobe Acrobat format and distribute these CDs as directed by the Government PM. The Contractor will make the electronic version of the DEIS available on the project Web site for public access. This electronic version will have "key word" search capability.

The Contractor will allot 3 days (2 meeting days, one travel day) for each of the two Tiger Team review meetings. For the East Coast EIS, meetings will be held in the MCI East, MCB Camp Lejeune, Jacksonville, NC area.

The Contractor will respond to all reviewer comments, submitted both in hard copy and electronically, by using a comment matrix format to track resolution of reviewer's issues. The comment matrix will be used as a quality assurance tool.

4.8 DEIS PUBLIC NOTIFICATION/ PUBLIC HEARINGS AND COMMENTS

4.8.1 Notice for public meetings

The Contractor shall a) prepare a notice for public hearings, b) provide notification copies of the DEIS, and c) prepare and publish a newspaper advertisement.

The Contractor will prepare a Notice for Public Hearings. The notice will be submitted electronically to the Marine Corps in a timely manner, coordinated to assure that the printed notice appears in the Federal Register no less than 25 days prior to the first Public Hearing. Normally, the Contractor should plan on allowing 30 days for Marine Corps review, coordination, and submission to the Federal Register. Cooperating Federal agencies may require 30 to 60 days for review and coordination prior to submission to the Federal Register. The notice will be published in the Federal Register via HQMC.

The Contractor will be responsible for responding to requests for additional copies of the DEIS for official notifications during this period, such as copies for the Office of Legislative Affairs. The Contractor should allow for the printing and express mailing of 20 additional copies to support this effort.

The Contractor will be responsible for preparing a DEIS Notice of Availability for publication in local newspapers as denoted in the PIP. For estimating purposes, the Contractor should assume publication in five (5) newspapers. This advertisement should also include a Notice for Public Hearings. The Contractor will be responsible for actions and costs associated with the publication of the notice. The appropriate type and size of ad will be determined and documented in the PIP, but for estimating purposes, the Contractor should assume that a 1/16th-page block advertisement is the preferred size and type of newspaper notification. A legal notice alone is normally not sufficient for this notification. A draft of the block ad will be prepared by the Contractor and submitted electronically to the Marine Corps within five days after the DEIS is approved by the DASN. The Contractor will incorporate Marine Corps comments and submit an electronic final version of the ad three days after receipt of Marine Corps comments. The initial ad will be printed at least 25 days prior to the first Public Hearing. The ad should be repeated in the newspapers once, five to ten days prior to the Public Hearing, and then printed the three consecutive days prior to the Public Hearing date. The Contractor will provide a copy of the printed ad and affidavit from the publishing source to the Government PM within 30 days after the ad is published. The Contractor will be responsible for providing a copy of the notice to the Marine Corps PAOs listed in the PIP prior to

publication in the newspaper. A copy of this notice and the DEIS will be posted on the public portion of the project web site.

4.8.2 PUBLIC HEARINGS AND COMMENTS

The Contractor will be responsible for a) holding a pre-public hearing meeting, b) supporting agency briefs, c) preparing public hearing materials, d) coordinating all aspects of the public hearing, and e) hosting a public comment review meeting.

The Contractor will hold a Pre-Public Hearing meeting with the Marine Corps and participants of the Public Hearings. The meeting will be held prior to the initial Public Hearing at a time designated by the Government PM, normally three (3) to ten (10) days prior. The purpose of the meeting will be to review all materials that will be utilized at the Public Hearing; discuss details of meeting locations, room setups, and information station assignments; establish ground rules and instructions for Public Hearing participants; review scripts; and address any other logistical details. The Contractor will prepare a meeting agenda and disseminate it via e-mail to all attendees five days prior to the meeting. For the East Coast EIS, meeting location will be in the MCI East, MCB Camp Lejeune, Jacksonville, NC area and will be one day long with one additional day for travel.

The Contractor shall provide support to the Marine Corps through attendance and participation in pre-Public Hearing Agency, Tribal, and Chain of Command briefs as requested by the Government PM. The Contractor may be asked to prepare presentation slides, fact sheets, and handouts for these briefs. Assume that a total of 50 copies of a printed single page handout will be required in addition to 50 copies of a 10-page printed power point presentation for a total of 550 printed pages. The Contractor will work closely with the Government PM to develop the presentation, fact sheets, and handouts. The Contractor should assume that this effort would require five meetings of one-day duration each including travel. This effort will normally occur immediately following the release of the DEIS to the Public. Therefore, the presentation, fact sheets, and handouts will be prepared and approved by the planned Notice of Availability date.

Five (5) Public Hearings will be held for the purpose of receiving public comment on the DEIS. The Public Hearing will incorporate a combination of open-house information stations that may include posters, videos, power point presentations, fact sheets, handouts, and a more formal hearing format to receive comments. A court reporter will be utilized by the Contractor to record comments presented at the Public Hearing. The Contractor will make the effort to find no-cost public locations to hold the hearings, but will be responsible for meeting place rental costs should it be necessary. The Contractor's responsibility includes having the appropriate furnishings, audio/visual equipment, and team members to man the information stations (this may include a combination of Contractor, Marine Corps and Marine Corps personnel). The Contractor will utilize posters, fact sheets, and handouts from the Scoping meetings to the maximum extent practical and will prepare additional electronic drafts of posters, fact sheets, and handouts for submittal to the Government PM for review as necessary no later than 10 days prior to the pre-public hearing meeting. Upon approval, the Contractor will print posters. The Contractor should assume that six new color posters would be printed.

The Contractor will prepare a Public Hearing script for use by the Public Hearing Officer and other presenters. The draft script will be forwarded with draft materials and the final revised script will be submitted electronically three days prior to the Public Hearing. Additionally, the Contractor will have printed copies of the script available at the Public Hearing for those individuals with speaking parts. The Contractor will also prepare fact sheets and handouts as required for the information stations. These will be reviewed as part of the draft public hearing materials. The Contractor will assume that 300 copies of 5 fact sheets and handouts in English will be required. Final printing of the posters, fact sheets, and handouts will be done in a time appropriate to make them available for the public hearing. An electronic version of the fact sheets and handouts will be made available on the public portion of the project web site. Each public hearing will require one day for set-up and hearing, and one additional day for travel. On the same day of the initial Public Hearing or the day prior (as appropriate), the Contractor will hold a "dry-run" dress rehearsal of the meeting with all participants.

The Contractor will hold a Public Comment review meeting 7 to 14 days after the end of the Public Comment Period. This meeting will be utilized to discuss public comments, and how to address the comments within the Final EIS. The Contractor will prepare a composite list of Public Comments and a meeting agenda and disseminate these items electronically five days prior to the Public Comment review meeting. The Contractor will prepare meeting minutes and distribute them electronically within 5 days after the review meeting. Meeting location will be in the MCI East, MCB Camp Lejeune, Jacksonville, NC area. The meeting will be one day in length with an additional day for travel.

4.9 ADDITIONAL NOISE ANALYSES

The Contractor shall complement the noise studies conducted as part of the Siting Study to fully support the noise analyses for the East Coast EIS. The Contractor shall include speech/sleep noise vibration analyses for all flight paths addressed in the EIS. Noise modeling for feasible alternatives is in addition to the noise studies being conducted under the Siting Studies contract. The Contractor shall use the Operational Data Summary to quantify current AV-8B Harrier and the F/A-18 A/C/D Hornet operations and future JSF training operations at

The complementary noise study shall address planned JSF operations in the East Coast that may not have been captured as part of the noise studies under the Siting Studies contract. The Contractor shall coordinate with Blue Ridge to ensure that the same noise modeling and reporting protocols are followed for the additional noise modeling covered under this Delivery Order. Operational data provided by the Installations shall be compiled by the Contractor and validated by key air operations, air traffic control, squadron, and planning Installations.

4.10 CLEAN AIR ACT CONFORMITY ANALYSIS (CAACA)

This effort will gather and analyze data pertaining to the planned future operations in all affected air basins on the East Coast. In Clean Air Act (CAA) Non-Attainment Areas an analysis will be required to ensure the proposed future action conforms to the State Implementation Plan (SIP). This requirement includes the preparation, analysis and development of the CAACA or Record of Non-Applicability (RONA), if applicable. The required analysis is for United States waters only. The area covered is from the shoreline out three miles and from ground level up to 3,000 feet above ground level. (Detailed requirements for services, submittals, meetings and times are provided in Appendix E.)

4.11 COASTAL CONSISTENCY DETERMINATION

The Coastal Zone Management Act (CAMA), enacted in 1972, created the National Coastal Management Program for management and control of the uses of and impacts on coastal zone resources. The program is implemented through federally approved state coastal management programs (CMPs). The Contractor shall prepare a coastal consistency determination for each site. Information will be included within the EIS and also as a separate appendix.

The contractor shall prepare a draft and final coastal zone documentation to certify that the proposed actions do not impact the coastal zone or that the proposed action complies with the enforceable policies of the applicable State's Coastal Management Programs.

4.12 JSF TRANSITION TASK FORCE (TTF) PROJECT TEAM BRIEFINGS, REPORTS AND OTHER MEETINGS

The Contractor will be responsible for JSF TTF quarterly briefs, reports, and meeting minutes.

The Contractor should plan on attending up to eight TTF Team quarterly meetings. For cost estimation, each meeting will require two days for meetings and 1 day for travel. The Contractor shall prepare meeting minutes of the entire attended meeting and post minutes to the web site. Meeting locations will usually be the Jacksonville, NC area or Washington, D.C. The meetings will be scheduled at the discretion of the Government PM, as necessary, and the Government PM shall approve Contractor attendees if travel expenditures are required to attend the quarterly meetings.

4.13 MICROSOFT PROJECT SCHEDULE AND PROJECT MANAGEMENT PLAN

The Contractor will utilize Microsoft Project software to a) produce a project schedule, and b) the preparation of Project Management Plan (PMP)

The project baseline schedule should show key tasks, inter-relationships, milestones, and dates; develop a critical path; and list action owners of each task.

In conjunction with the project schedule, a Project Management Plan (PMP) will be prepared for the EIS effort. The PMP shall be closely tied to the project schedule and explain how the schedule fits together from an efficiency perspective. The PMP shall include:

- An updated Table of Contents
- Approach to coordinating the EIS with other NEPA efforts including East Coast versus West Coast
- A list of data needs for each resource area
- Approach to analysis
- Permitting and consultation requirements/approach
- Additional project management issues

The Contractor will present a rough draft of the baseline schedule at the Project Kickoff meeting for discussion and comments. Project management issues and related scheduling shall be discussed at the Project Kickoff meeting. The Contractor will incorporate these comments and submit a draft baseline schedule, PMP and meeting minutes within 5 days after the Project Kickoff meeting. The Marine Corps will review and provide comments within 10 days of receipt of the draft baseline schedule and PMP. The Contractor will incorporate additional Marine Corps comments and submit the final baseline schedule and PMP electronically in MS Project and Word format to the Government PM within 10 days after receipt of Marine Corps comments. The Contractor will submit the final baseline schedule electronically in Adobe format to the Government PM and all other recipients without access to MS Project software. The baseline schedule and PMP will be posted on the Marine Corps-only access portion of the project web site.

Days within the schedule will be expressed in terms of business days. Business Days will be defined as normal workweek days (Monday through Friday) with the allocation made for Holiday observances. The 10 holidays recognized by the U.S. Government will be incorporated into the project schedule as non-business days. Due to commonly extended vacations associated with the Christmas/New Year holidays, the Contractor will confer with the Government PM to establish appropriate work/leave expectations. The designated submittal dates provided in this SOW are general guidelines for estimating purposes and use in preparation of the Microsoft Projects Schedule. The Contractor is encouraged to have submittals precede the established deadlines, wherever possible, in order to create "float" within the project and avoid future delays if subsequent tasks should exceed their estimated timeframe.

The Contractor will keep the MS Project schedule current throughout the life of the project. The Contractor will submit the updated MS Project schedule as part of the invoice process. The updated MS Project schedule will, at a minimum, show original planned dates of the baseline schedule, revised dates, and actual start and completion dates. The progress report will identify project schedule float and negative float. In addition, the monthly progress report will identify the status of current tasks and note tasks and responsible persons for actions that will occur within the next 45 days. The schedule will include associated supporting studies such as AICUZ, RAICUZ, Biological Assessments, and others noted in this SOW as appropriate, in order to show the relationship of these studies to the critical path completion of the project and tasks described in this SOW. If the studies are needed and are prepared by another contractor or another delivery order, Contractor shall coordinate with other individuals to get updated scheduling information.

As part of the invoice processing, and not a task element, the Contractor will provide a report on project progress with all invoices. It is recommended that invoices be submitted on the 1st working day of each month. The report will include actions completed during the previous month, actions to be completed during the next 45 days, updated

MS Projects schedule, potential delays or obstacles that need resolution identifying the responsible contact, items and events of special interest that may be pertinent to the project, and a project completion summary. Progress reports will be electronic and forwarded via e-mail. A copy of each progress report and invoice will be available in a folder on the Marine Corps-only access portion of the project web site and within the invoice.

4.14 PROJECT RECORD

The Contractor will be responsible for preparing a project record.

The contractor will compile a project record during the EIS process in compliance with the Marine Corps guidance reference documents. The project record will be submitted to the Marine Corps within 20 days after the publication of the ROD. The project record will be submitted in both hard copy (1 copy) and electronic PDF copy (50 copies) on CD-Rom. The electronic format will support key-word searches using the find and search commands and include appropriate bookmarks tabs. The project record will consist of the acquired referenced resources, studies and data used in the analyses, preparation of the NEPA document, and preparation of associated studies noted in this SOW. Cite memorandums of agreement, personal communications, E-mails, meeting notes and decisions notes that are pertinent. Questions regarding Project Record content should be forwarded to the Government PM for Marine Corps legal counsel opinion.

4.15 OPTION: INTERNAL AND FINAL ENVIRONMENTAL IMPACT STATEMENT (FEIS) PREPARATION

The Contractor will be responsible for a) preparing a FEIS which will include multiple versions of the internal, and b) printing and disseminating the FEIS.

The Contractor will prepare an internal FEIS from the public input received for the DEIS. As with the DEIS the Contractor will prepare several versions of the internal FEIS for Marine Corps review before the FEIS is ready for approval. All versions of the EIS shall be posted on the project website. A template of the Table of Contents for the FEIS is provided in Appendix B of this SOW. The first version should be labeled Internal FEIS (IFEIS) Version 1. This label should be prominently displayed on the cover of the document and in the header of each page of the document. Fifty copies will be printed and distributed via express mail for EIS Team review within 35 days after the end of the Public Comment period. All Government stakeholders will review IFEIS Version 1. All versions of the IEIS will include printed line numbers on each page to facilitate the document review and location of comments.

The Contractor will host a Tiger Team review meeting to review and resolve document comments. The Contractor will prepare 70 printed copies of IFEIS Version 2 for submittal via express mail to the EIS review team within 20 days after receipt of Government comments on Version 1. A second FEIS Tiger Team review meeting will be hosted by the Contractor to review Version 2 comments. The Contractor will prepare 70 printed copies of IFEIS Version 3 incorporating Marine Corps review comments and disseminate via express mail as directed by the Government PM within 15 days of receipt of comments on Version 2. All of these IFEIS versions may be bound in the most economical manner as agreed upon between the Contractor and Government PM.

Upon concurrence of all Government reviewers, the Contractor will prepare 70 printed copies of the FEIS in final format for MCI East briefing. The Contractor shall provide a briefing to HQMC on status and content of the FEIS before it is forwarded up the chain of command to DASN. The final format FEIS will be disseminated by the Contractor via express mail as directed by the Government PM five days after receipt of Government PM direction. The FEIS will be of high quality printing and bound in a three-ring binder. The Contractor will update the mailing list of interested agencies and persons used for DEIS distribution and submit for Government PM review and approval concurrent with submittal of the FEIS for DASN Briefing. During the DASN review and brief process there is normally a requirement for edification and printing of additional pages or supplemental pages to the document. These are usually short notice and immediate action items. The Contractor will be responsible for providing these changes and pages throughout the review and approval process as requested by the Government PM. Assume 400 of printed pages will be edited, printed and expressed mailed.

After DASN approval of the FEIS, the Contractor will print 200 copies of the FEIS and disseminate to the approved mailing list using First Class mail. The FEIS will be mailed so that delivery corresponds with the Federal Register published Notice of Availability. Additionally, the Contractor will prepare 250 copies of the FEIS on CD in Adobe Acrobat format and express mail the CDs as directed by the Government PM. The FEIS, once approved and released, will be posted on the public portion of the project web site. The electronic version of the FEIS will have “key word” search capability.

The Contractor will allow for both Tiger Team review meetings to be two-days in length with one additional day allowed for travel. For the East Coast EIS, meetings will be held in the MCI East, MCB Camp Lejeune, Jacksonville, NC area.

4.16 OPTION: FEIS NOTIFICATION

The Contractor shall a) provide notification copies of the FEIS, and b) prepare and publish a newspaper advertisement.

The Contractor will be responsible for responding to requests for additional copies of the FEIS for official notifications during this period, such as copies for the Office of Legislative Affairs. The Contractor should allow for the printing and express mailing of 20 additional copies to support this effort.

The Contractor will be responsible for preparing a FEIS Notice of Availability for publication in local newspapers as denoted in the PIP. For estimating purposes, the Contractor should assume publication in five (5) newspapers. This advertisement should also include a Notice for Public Hearing. The Contractor will be responsible for actions and costs associated with the publication of the notice. The appropriate type and size of ad will be determined and documented in the PIP, but for estimating purposes, the Contractor should assume that a 1/16th-page block advertisement is the preferred size and type of newspaper notification. A legal notice alone is normally not sufficient for this notification. A draft of the block ad will be prepared by the Contractor and submitted electronically to the Marine Corps within five days after the FEIS is approved by the DASN. The Contractor will incorporate Government comments and submit an electronic final version of the ad three days after receipt of Marine Corps comments. The Contractor will provide a copy of the printed ad and affidavit from the publishing source to the Government PM within 30 days after the ad is published. The Contractor will be responsible for providing a copy of the notice to the Marine Corps PAO listed in the PIP prior to publication in the newspaper. A copy of this notice will be posted on the public portion of the project web site.

4.17 OPTION: RECORD OF DECISION (ROD)

The Contractor will be responsible for a) preparing responses to public comments, b) preparing the record of decision (ROD), c) printing and mailing the signed ROD, d) preparing a project CD with ROD and FEIS, and e) publishing and printing a block ad of the availability of the ROD.

The Contractor will prepare an electronic summary of public comments received during the FEIS public review period with proposed Marine Corps responses to the comments. This will be reviewed by the Marine Corps, revised as necessary by the Contractor, and submitted to HQMC/DASN for review and final approval. The Contractor will initially submit comments and responses electronically within five (5) days after the close of the Public Review Period.

The Contractor will prepare an electronic version of the ROD for the Marine Corps approval and publication. The Contractor will prepare a draft ROD that summarizes the proposed action, alternatives, potential impacts, and public concerns voiced during review of the FEIS. The Draft ROD (Version 1) will be submitted electronically 20 days after the close of the public review period. The Contractor will incorporate comments on Version 1 and electronically submit Draft ROD Version 2 for Marine Corps review five days after Marine Corps comments are received. It should be anticipated that additional comments will be received and an electronic Version 3 will be required. Version 3 will be submitted 3 days after receipt of Marine Corps comments.

Upon notification from the Government PM, the Contractor will prepare a Final ROD for submittal electronically within 3 days of Government PM direction. Once the ROD is signed by DASN, the Contractor will print the ROD and mail it via First Class mail to all interested persons and organizations on the updated and approved mailing list. The mailing will be timed to coincide with publication of the ROD in the Federal Register.

The Contractor will prepare 300 copies of a CD containing the FEIS and signed ROD and deliver the CDs via mail as directed by the Government PM within 10 days after the ROD is signed. The approved ROD shall be posted on the public portion of the project web site. Both documents will have “Key Word” search capability.

The Contractor will be responsible for preparing a ROD Notice of Availability for publication in local newspapers as determined in the PIP. For estimating purposes, the Contractor should assume three (5) newspapers. The Contractor will be responsible for actions and costs associated with the publication of the notice. The notice will be published on three consecutive days for daily publications and once for weekly or monthly circulations. The appropriate size and type of ad will be designated in the PIP, but for estimating purposes, assume that a 1/16th-page block advertisement is the preferred size and type of newspaper notification. A legal notice alone is normally not sufficient for this notification. A draft of the block ad will be prepared by the Contractor and submitted electronically to Marine Corps for review and approval prior to publication. The Contractor will provide a copy of the printed ad and affidavit from the publishing source to the Government PM within 30 days after publication. The Contractor will be responsible for providing a copy of the Notice to the PAOs listed in the PIP prior to publication in the newspaper. A copy of this notice will be posted on the public portion of the project web site.

4.18 OPTION: OTHER STUDIES/SUPPORTING Documents

The following supporting documents and studies must be prepared by the Contractor as part of the effort of this SOW to complete NEPA documentation. The following paragraphs provide a brief description of the required effort.

4.18.1 Biological Assessment (BA)

This effort will gather and analyze existing information on Threatened and Endangered (T&E) and other protected species in support of the Endangered Species Act (ESA) and other regulations, including existing Biological Opinions as appropriate. This requirement includes the preparation and publication of the draft and final BAs and assistance to the Marine Corps in potential consultation with the appropriate regulatory agencies. (Detailed requirements for services, submittals, meetings and times are provided in Appendix D). Where applicable, the Contractor shall use existing natural resources survey data. The need for additional surveys may be identified based on operational data gathering efforts and DOPAA development. If additional surveys are needed to support consultation efforts, they will be covered under a separate task order.

4.18.2 Cultural Resource Literature Search and Analyses

This effort will identify and analyze cultural resources including archeological sites, resources of interest to Native Americans, and historic structures that may be affected by the Proposed Action to comply with Section 106 of the National Historic Preservation Act. The effort includes a literature search and analysis on historical structures within the facilities and portions of the Ranges being analyzed in the EIS. There is no need for a separate appendix for this effort. Information will be included in the cultural resources section of the EIS. Where applicable, the contractor shall use existing cultural resources survey data. The need for additional surveys may be identified based on operational data gathering efforts and DOPAA development. If additional surveys are needed to support consultation efforts, they will be covered under a separate task order. The USMC will take the lead in all consultation efforts (Section 106 and consultation with Native American tribes).

4.18.3 Wetland Survey and Delineations

Executive Order 11990, *Protection of Wetlands*, directs federal agencies to take action to minimize the destruction, loss, or degradation of wetlands on their property and mandates review of proposed actions on wetlands through procedures established by NEPA. The contractor shall gather and analyze existing information of wetlands in support of Section 404 of the Clean Water Act (CWA) and other federal laws, regulations, and policies that regulate activities in wetlands. This requirement includes the preparation and publication of the draft, pre-final and final wetland delineation report with data forms for submission to U.S. Army Corps of Engineers (USACE) for a jurisdictional determination. (Detailed requirements for services, submittals, meetings and times are provide in Appendix G). Where applicable, the Contractor shall use existing wetland surveys data. The need for additional surveys and/or preparation of a wetland mitigation plan may be identified based on operational gather efforts and DOPAA development. If additional survey and/or a wetland mitigation plans are needed to support consultation efforts, they will be covered under a separate task order.

4.19 MEETINGS

Listed meeting locations are for planning purposes and price estimates. Actual locations may change.

SOW Section	Meeting Purpose	Location	# of Days*
4.1	Project Kickoff	MCI East, MCB Camp Lejeune, Jacksonville, NC area	2
4.2	PIP Development Meeting	MCI East, MCB Camp Lejeune, Jacksonville, NC area	1 ^s
4.4	Pre-Scoping Meeting	MCI East, MCB Camp Lejeune, Jacksonville, NC area	2
4.4	Pre-Scoping Agency Briefs	MCI East, MCB Camp Lejeune, Jacksonville, NC area and/or MCAS Beaufort, Beaufort, SC area	8
4.4	Scoping Workshop #1	MCAS Cherry Point, Havelock, NC area	3
4.4	Scoping Workshop #2	MCI East, MCB Camp Lejeune, Jacksonville, NC area	3
4.4	Scoping Workshop #3	MCAS Beaufort, Beaufort, SC area	3
4.4	Scoping Workshop #4	Townsend, GA	3
4.4	Scoping Workshop #5	MCAS Cherry Point, Havelock, NC area	3
4.4	Scoping Comment Review Meetings	MCI East, MCB Camp Lejeune, Jacksonville, NC area	2
4.7	DEIS Tiger Team Review 1	MCI East, MCB Camp Lejeune, Jacksonville, NC area	3
4.7	DEIS Tiger Team Review 2	MCI East, MCB Camp Lejeune, Jacksonville, NC area	3
4.7	HQMC and TTF DEIS Briefing	Washington, DC	2
4.8	Pre- DEIS Public Hearing Meeting	MCI East, MCB Camp Lejeune, Jacksonville, NC area and/or MCAS Beaufort, Beaufort, SC area	2
4.8	Pre DEIS Public Hearing Agency Briefs	MCI East, MCB Camp Lejeune, Jacksonville, NC area and/or MCAS Beaufort, Beaufort, SC area	8
4.8	DEIS Public Hearing #1	MCAS Cherry Point, Havelock, NC area	3
4.8	DEIS Public Hearing #2	MCI East, MCB Camp Lejeune, Jacksonville, NC area and/or MCAS Beaufort, Beaufort, SC area	3

4.8	DEIS Public Hearing #3	MCAS Beaufort, Beaufort, SC area	3
4.8	DEIS Public Hearing #4	Townsend, GA	3
4.8	DEIS Public Hearing #5	MCAS Cherry Point, Havelock, NC area	3
4.8	DEIS Public Comment Review Meeting	MCI East, MCB Camp Lejeune, Jacksonville, NC area /MCAS Beaufort, Beaufort, SC area	2
4.12	HQMC and TTF FEIS Briefing	Washington, D.C.	2
4.12	MCI East Quarterly Meetings and Marine Corps Meetings	MCI East, MCB Camp Lejeune, Jacksonville, NC area	12
4.14	FEIS Tiger Team Review #1	MCI East, MCB Camp Lejeune, Jacksonville, NC area /MCAS Beaufort, Beaufort, SC area	3
4.14	FEIS Tiger Team Review #2	MCI East, MCB Camp Lejeune, Jacksonville, NC area /MCAS Beaufort, Beaufort, SC area	3
4.18.1 /D-2.1	Marine Corps Meeting for Biological Assessment	MCI East, MCB Camp Lejeune, Jacksonville, NC area	2
4.18.1 /D-2.1	Draft BA Review	MCI East, MCB Camp Lejeune, Jacksonville, NC area	2
4.18.1 /D-2.1	Proof Final BA Review	MCI East, MCB Camp Lejeune, Jacksonville, NC area	2
4.18.1/ D-2.4	Agency Meeting for BA	Raleigh, NC area	2
4.18.2	Draft Wetlands Delineation Review	MCI East, MCB Camp Lejeune, Jacksonville, NC area	2
4.18.2	Pre-Final Wetlands Delineation Review	MCI East, MCB Camp Lejeune, Jacksonville, NC area	2
4.18.2	Agency Meeting for Wetlands	Raleigh, NC area	2

- All meetings include one additional day for travel to and return home.
- It is assumed that numerous informal meetings will be held to clarify and gather information; however, these meetings are assumed to be part of the data gathering and coordination needed within each task, would generally not require travel expenditure, and are included in production effort. This meeting will be held in conjunction with Kickoff meeting (no additional travel days included).

4.20 DELIVERABLES

All documents, maps and illustrations must be of high quality and easily reproducible on standard or color copiers. Documents will be double-sided, single spaced, on 8 1/2" by 11" paper in manuscript format, with standard outline spacing. Maps identifying the location of the project will be included within the document and may be used along with tables, figures and illustrations throughout the document to more efficiently display project related information. Fold out pages should be avoided. If these are necessary, they will be no larger than 11" by 17" and have the same design as the 8 1/2" by 11" graph pages and will be approved by the government before document preparation. All pages of the documents will be appropriately numbered and bound. The Contractor shall use 30% recycled paper for draft documents, with each line numbered for editing purposes.

The Contractor shall have the text of all deliverables professionally edited for grammar, spelling and punctuation. It will be important to all interested parties that the document presents plain and straightforward discussions understandable at an eighth grade level.

Deliverable	Electronic Posted to Web Site		# Hard Copies	# CDs	Delivery Deadline
	Marine Corps	Public			
Kickoff Meeting Agenda	✓				5 days prior to Kickoff Meeting
Kickoff Meeting Minutes	✓		N/A	N/A	5 days after Kickoff Meeting
PIP Development Meeting Agenda	✓				5 days prior to PIP Dev. Meeting
Draft PIP	✓		N/A	N/A	20 days after PIP meeting
Final PIP	✓		20	N/A	20 days after Government Comments
Draft Federal Register Notice of Intent	✓		N/A	N/A	10 days after Kickoff Meeting
Final Federal Register Notice of Intent	✓		N/A	N/A	5 days after receipt of Marine Corps comments
Draft Newspaper NOI	✓		N/A	N/A	15 days after Kickoff Meeting
Final Newspaper NOI		✓	N/A	N/A	3 days after receipt of Marine Corps comments
Printed Ad & Affidavit	✓		N/A	N/A	30 days after publication
Validated Mailing List	✓				10 days prior to mailing date
Draft Federal Register Scoping Notice	✓				20 days after NTP
Final Federal Register Scoping Notice	✓				20 days after Draft FRS Notice
Draft Scoping notice newspaper ad	✓				20 days after NNL is received at CNO
Final Scoping notice newspaper ad		✓			3 days after Government comments
Printed Newspaper ad and affidavit	✓		N/A	N/A	30 days after publication
Pre-Scoping Meeting agenda	✓		N/A	N/A	5 days prior to Pre-Scoping Meeting
Draft Scoping Materials	✓		N/A	N/A	10 days prior to pre-scoping meeting
Final Scoping Materials	✓				2-Days prior to scoping meeting
Posters		✓	10	N/A	Scoping Meeting
Handouts (5 x 200)		✓	1,000	N/A	Scoping Meeting
Fact sheets (5x 200)		✓	1,000	N/A	Scoping Meeting
Agency Brief Fact Sheets, Handouts/Presentation (10 pgs x 50 copies) + 50 copies of handout)		✓	550	N/A	As required
Public Comment list & agenda for scoping comment review meeting	✓		N/A	N/A	3 days prior to Scoping Comment Review Meeting
Scoping Comment Review Meeting Minutes	✓		N/A	N/A	5 days after Scoping Comment Review Meeting
IDEIS v.1			70	N/A	175 days after NTP
IDEIS v.2			70	N/A	20 days after receipt of Marine Corps comments
IDEIS v.3			70	N/A	15 days after receipt of Marine Corps comments
DEIS – DASN Brief			10	N/A	5 days after receipt of Marine

Deliverable	Electronic Posted to Web Site		# Hard Copies	# CDs	Delivery Deadline
	Marine Corps	Public			
					Corps comments
DEIS Mailing List	✓		N/A	N/A	Concurrent with DEIS delivered for DASN Brief
DEIS – Public Distribution		✓	200	25	Concurrent with Federal Register Notice of Availability
IHA/ LOA Federal Register Notice	✓				Concurrent with DEIS deliverable
IHA/ LOA draft application					Concurrent with DEIS deliverable
Federal Register Public Hearing Notice		✓	N/A	N/A	25 days prior to Public Hearing
DEIS Official Notification Copies			20	N/A	As required
Draft Newspaper ad	✓		N/A	N/A	5 days after DEIS is approved by DASN
Final Newspaper ad		✓	N/A	N/A	3 days after receipt of Marine Corps comments
Copy of published ad and affidavit	✓		N/A	N/A	30 days after publication
Pre-Public Hearing Meeting Agenda	✓		N/A	N/A	5 days prior to meeting
Agency Brief Presentation/Fact sheets/ Handouts (10 pgs x 50 cys +50 cys of handout)	✓		550	N/A	Date of DEIS NOA
Draft Public Hearing Materials	✓		N/A	N/A	10 days prior to Pre-Public Hearing Meeting
Public Hearing Materials					
Script	✓		5	N/A	3 days prior to Public Hearing
Posters		✓	6	N/A	Public Hearing
Handouts		✓	200	N/A	Public Hearing
Fact Sheets					
Public Comments and meeting agenda	✓		N/A	N/A	5 days prior to review meeting
Public Comment Review meeting minutes	✓		N/A	N/A	5 days after review meeting
IFEIS v.1			70	N/A	35 days after the end of the Public Comment Period
IFEIS v.2			70	N/A	20 days after receipt of Marine Corps comments
IFEIS v.3			70	N/A	15 days after receipt of Marine Corps comments
FEIS – DASN Brief			10	N/A	5 days after receipt of Government PM direction
FEIS – Public Distribution		✓	200	25	Concurrent with Federal Register Notice of Availability
Final IHA/ LOA application					Concurrent with FEIS
FEIS Official Notification Copies			20	N/A	As Required
Draft Newspaper ad	✓		N/A	N/A	5 days after FEIS is approved by

Deliverable	Electronic Posted to Web Site		# Hard Copies	# CDs	Delivery Deadline
	Marine Corps	Public			
					DASN
Final Newspaper ad		✓	N/A	N/A	3 days after receipt of Marine Corps comments
Copy of published ad and affidavit	✓		N/A	N/A	30 days after publication
Public Comments with Marine Corps Responses.	✓			N/A	5 days after close of Public Review period
Draft ROD Version 1	✓			N/A	20 days after close of Public Review period
Draft ROD Version 2	✓		N/A	N/A	5 days after receipt of Marine Corps comments
Draft ROD Version 3	✓		N/A	N/A	3 days after receipt of Marine Corps comments
Final ROD for DASN	✓		N/A	N/A	3 days after Government PM direction
ROD for Public Distribution		✓	200	N/A	Concurrent with Federal Register publication
FEIS & ROD on CD			N/A	200	10 days after ROD is signed
Newspaper ad with ROD NOA		✓	N/A	N/A	Concurrent with Federal Register publication
Published newspaper ad and affidavit	✓		N/A	N/A	30 days after publication
Project Record			1	5	20 days after ROD publication
Draft MS Projects Schedule	✓		N/A	N/A	5 days after Project Kickoff Meeting
Microsoft Project Schedule	✓		N/A	N/A	10 days after Government Comments
MS Projects Schedule updates	✓		N/A	N/A	As required
Invoice Status and Schedule Reports	✓		N/A	N/A	Part of Invoice Process
Project Team Meeting minutes	✓		N/A	N/A	5 days after the progress meeting
Initial Web site access					20 days after NTP

4.21 SCHEDULE

This schedule is for planning and estimating purposes only. The Contractor will develop more accurate project schedules for the East Coast EIS as required under this SOW. This schedule denotes only major milestones and does not show all key tasks required to accomplish the project. In order to meet the military construction timeline, a ROD must be in place by December 2010.

Task	Project Calendar Days*	Approximate Date
Project Kickoff Meeting	14	
Microsoft Project Schedule	30	
Federal Register Notice of Intent, Comment Period	60+ 90	
Scoping Period Closes	45	
IDEIS V.1		

Comment resolution, meeting		
IDEIS V.2		
Comment resolution, meeting		
IDEIS V.3		
DEIS		
Federal Register Notice of Availability, Comment Period	45	Concurrent with IFEIS development
Public Comment Period Closes		
IFEIS V.1		
IFEIS V.2		
IFEIS V.3		
CA SHPO	60	
Regulatory Agency Consultation: NOAA/Fisheries, FWS, CCC	135	
FEIS		
Federal Register Notice of Availability		
Public Review Period Closes (30 days)		
ROD	730	
Federal Register Publish ROD	750	East Coast: December 2010

* The A/E shall submit, in writing to the Contracting Officer, any desired schedule changes for review and approval by the Contracting Officer.

4.22 CONTRACTOR EVALUATION

If, during document preparation, the contractor's work is determined to be unsatisfactory, the Government will conduct a formal review at that time.

The Government will evaluate the contractor's overall performance. The contractor will be held fully responsible for all (including subcontractors') performances and submissions. Evaluation criteria are listed below:

- Completeness
- Data Collection
- Liaison
- Analyses
- Responsiveness to comments/requests
- Quality/accuracy of report and/or recommendations
- Adherence to schedule

A copy of this evaluation will be forwarded to the contractor.

4.23 GENERAL

If, during fee proposal preparation, the contractor feels that there is a high probability that identified investigations will yield inadequate data or will fail to meet known regulatory requirements to support the proposed project schedule, a request for scope clarification should be initiated. If the scope clarification discussion does not eliminate these concerns, unresolved issues should be identified both in the fee proposal submission and to the contracting officer.

APPENDICES

APPENDIX	NAME
A	Sample DEIS Table of Contents
B	Sample FEIS Table of Contents
C	Installation Geospatial Information and Services/ Electronic Deliverables
D	Biological Assessment
E	Clean Air Act Conformity Analysis
F	Coastal Zone Management Act Consistency Determination
G	Wetland Delineations/ Mitigation Plan

Appendix A
Sample DEIS Table of Contents

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1 Introduction

- 1.1 Introduction
- 1.2 Background
- 1.3 Purpose and Need
- 1.4 Environmental Review Process
 - 1.4.1 Notice of Intent
 - 1.4.2 Scoping Process
 - 1.4.3 DEIS
 - 1.4.4 FEIS
 - 1.4.5 ROD
- 1.5 Documents Incorporated by Reference

2 Alternatives

- 2.1 Proposed Action and Identification of Alternatives
 - 2.1.1 Operational Criteria
 - 2.1.2 Alternative Screening Process
 - 2.1.3 Identification of Alternatives
- 2.2 Analysis of Alternatives
 - 2.2.1 Factors Used to Develop Alternatives
 - 2.2.2 Description of Alternatives
- 2.3 Components of Each Alternative
 - 2.3.1 Assessment of Operational Requirements
 - 2.3.2 Evaluation of Alternative
- 2.4 No-Action Alternative
- 2.5 Comparison of Alternatives

3 Affected Environment

- 3.1 Physical Resources
 - 3.1.1 Earth Resources
 - 3.1.2 Water Resources
 - 3.1.3 Air Quality
 - 3.1.4.1 Noise Environment
 - 3.1.5 Coastal Zone Management
- 3.2 Biological Resources
 - 3.2.1 Vegetation
 - 3.2.2 Wildlife
 - 3.2.3 Threatened & Endangered Species
 - 3.2.4 Species of Concern
 - 3.2.5 Marine Mammals
- 3.3 Socioeconomic Resources
 - 3.3.1 Land Use
 - 3.3.2 Population and Housing
 - 3.3.3 Transportation
 - 3.3.4 Demographics
 - 3.3.5 Regional Economy
 - 3.3.6 Cultural Resources
 - 3.3.7 Recreation
 - 3.3.8 Hazardous Materials and Waste
 - 3.3.9 Public Health and Safety
 - 3.3.10 Protection of Children
 - 3.3.11 Environmental Justice

4 Environmental Consequences

4.1 Physical Resources

4.1.1 Earth Resources

4.1.2 Water Resources

4.1.3 Air Quality

4.1.4 Noise Environment

4.1.5 Coastal Zone Management

4.2 Biological Resources

4.2.1 Vegetation

4.2.2 Wildlife

4.2.3 Threatened & Endangered Species

4.2.4 Species of Concern

4.2.5 Marine Mammals

4.3 Socioeconomic Resources

4.3.1 Land Use

4.3.2 Population and Housing

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4.3.4 Demographics

4.3.5 Regional Economy

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4.3.8 Hazard Materials and Waste

4.3.9 Public Health and Safety

4.3.10 Protection of Children

4.3.11 Environmental Justice

5 Cumulative Impacts

6 Other Considerations

6.1 Consistency with Other Federal, State, and Local Plans, Policies, and Regulations

6.2 Required Permits and Approvals

6.3 Irreversible and Irretrievable Commitments of Resources

7 List of Preparers

8 References

9 Distribution List

Appendices

Appendix B Sample FEIS Table of Contents

Executive Summary

1 Introduction

- 1.1 Introduction
- 1.2 Background
- 1.3 Purpose and Need
- 1.4 Environmental Review Process
 - 1.4.1 Notice of Intent
 - 1.4.2 Scoping Process
 - 1.4.3 DEIS
 - 1.4.4 FEIS
 - 1.4.5 ROD
- 1.5 Documents Incorporated by Reference
- 1.6 Changes from the DEIS to the FEIS

2 Alternatives

- 2.1 Proposed Action and Identification of Alternatives
 - 2.1.1 Operational Criteria
 - 2.1.2 Alternative Screening Process
 - 2.1.3 Identification of Alternatives
- 2.2 Analysis of Alternatives
 - 2.2.1 Factors Used to Develop Alternatives
 - 2.2.2 Description of Alternatives
- 2.3 Components of Each Alternative
 - 2.3.1 Assessment of Operational Requirements
 - 2.3.2 Evaluation of Alternative
- 2.4 No-Action Alternative
- 2.5 Comparison of Alternatives

3 Affected Environment

- 3.1 Physical Resources
 - 3.1.1 Earth Resources
 - 3.1.2 Water Resources
 - 3.1.3 Air Quality
 - 3.1.4 Noise Environment
 - 3.1.5 Coastal Zone Management
- 3.2 Biological Resources
 - 3.2.1 Vegetation
 - 3.2.2 Wildlife
 - 3.2.3 Threatened & Endangered Species
 - 3.2.4 Species of Concern
 - 3.2.5 Marine Mammals
- 3.3 Socioeconomic Resources
 - 3.3.1 Land Use
 - 3.3.2 Population and Housing
 - 3.3.3 Transportation
 - 3.3.4 Demographics
 - 3.3.5 Regional Economy
 - 3.3.6 Cultural Resources
 - 3.3.7 Recreation
 - 3.3.8 Hazard Materials and Waste
 - 3.3.9 Public Health and Safety
 - 3.3.10 Protection of Children
 - 3.3.11 Environmental Justice

4 Environmental Consequences

4.1 Physical Resources

4.1.1 Earth Resources

4.1.2 Water Resources

4.1.3 Air Quality

4.1.4 Noise Environment

4.1.5 Coastal Zone Management

4.2 Biological Resources

4.2.1 Vegetation

4.2.2 Wildlife

4.2.3 Threatened & Endangered Species

4.2.4 Species of Concern

4.2.5 Marine Mammals

4.3 Socioeconomic Resources

4.3.1 Land Use

4.3.2 Population and Housing

4.3.3 Transportation

4.3.4 Demographics

4.3.5 Regional Economy

4.3.6 Cultural Resources

4.3.7 Recreation

4.3.8 Hazard Materials and Waste

4.3.9 Public Health and Safety

4.3.10 Protection of Children

4.3.11 Environmental Justice

5 Cumulative Impacts

6 Other Considerations

6.1 Consistency with Other Federal, State, and Local Plans, Policies, and Regulations

6.2 Required Permits and Approvals

6.3 Irreversible and Irretrievable Commitments of Resources

7 Lists of Preparers

8 References

Distribution List

Appendices

APPENDIX C ELECTRONIC DELIVERABLES

C-1.0 SPECIFICATIONS FOR DIGITAL DATA.

Any maps, drawings, figures, sketches, databases, spreadsheets, or text files prepared for this contract shall be provided in both hard copy and digital form. The hard copy deliverables are defined in a previous section of this statement of work.

C-1.1. TEXT, SPREADSHEET, AND DATABASE FILES

The Marine Corps standard desktop computing software is Microsoft Office. Final Reports and other text documents shall be provided in Microsoft Word 2000 format and Adobe Portable Document Format (PDF). Spreadsheet files shall be provided in Microsoft Excel format. Databases shall be provided in Microsoft Access format, unless specified otherwise, as approved by the Government. Prior to database development, the contractor shall provide the Government with a Technical Approach Document for approval, which describes the contractor's technical approach to designing and developing the database. All text, spreadsheet, and database files shall be delivered on compact disk read-only memory (CD-ROM) with ISO-9660 format.

C-1.2 GPS SURVEYS

Horizontal accuracy for survey grade GPS data collection shall be ± 1 centimeter at 1 sigma unless otherwise specified in the statement of work. Horizontal accuracy for planning grade GPS data collection shall be ± 2 Meters unless otherwise specified in the statement of work. Every effort shall be made to capture feature locations without using offsets unless obstructions are present. Data sets derived from GPS data collection efforts (mapping or survey grade) shall include metadata to record descriptions of the receiver and other equipment used during collection and processing, base stations used for differential corrections, software used for performing differential corrections, estimated horizontal and vertical accuracies obtained, and conversion routines used to translate the data into final geographic data delivery format. All metadata shall comply with the metadata format requirements as described in this document. Final geographic data delivery format shall comply with the specifications described in this document.

C-1.3. GEOSPATIAL DATA, MAPS, DRAWINGS, AND SKETCHES:

(1) Geographic Data Delivery Format:

(a) Digital geographic maps and the related vector data sets shall be developed using double precision and the data sets shall be delivered in uncompressed ARC/INFO export file format (.e00) using ARC/INFO Release 7.2 or higher. Data sets may alternately be delivered in a personal geo-database format that is Oracle-compatible using ArcGIS 8.3 or higher and must be importable to an Oracle 8i multi-user geodatabase using ArcSDE 8.1 or higher. ARC/INFO, ArcGIS, and ArcSDE are geographic information system software applications produced by the Environmental Systems Research Institute (ESRI) of Redlands, California.

(b) Scale-dependant Mapping Guidelines:

Installation and Sub-Regional Level Mapping:
See NAVFAC Guidelines for Installation Mapping and GeoSpatial Data published by NAVFACENGCOM.

Regional, Theatre-Level Mapping:
Geospatial data for regional, theatre-level mapping (1:24K) shall be provided using precise geographic coordinates in decimal degree format with four decimal precision. Geographic data shall generally be provided in: nautical miles (nm.) for expansive marine areas, and statute miles (mi.) for expansive land areas, and projected into the Universal Transverse Mercator (UTM) coordinate system. Regional maps and data shall use the appropriate UTM

Zone(s), the GRS 1980 spheroid and the North American Datum 1983 (WGS-84). No offsets shall be used. Each data set shall have a projection file if appropriate based on format.

Map or drawing scales will be determined by the PM. Mapping accuracy for the agreed scales will conform to the American Society for Photogrammetry and Remote Sensing (ASPRS), "Accuracy Standards for Large-Scale Maps" and "Interim Accuracy Standards for Large-Scale Maps" (ASPRS, 1991). Copies of the ASPRS Accuracy Standards can be obtained by contacting:

American Society for Photogrammetry and Remote Sensing
5410 Grosvenor Lane, Suite 210
Bethesda, MD 20814-2160

ASPRS accuracy standards can also be found on the Internet at:

<http://www.asprs.org>

(c) Any system specific requirements in terms of data compatibility should be addressed. Any geospatial data delivered should be fully compatible with existing government enterprise systems.

(d) Spatial Data shall be consistent with TAP data repository requirements.

(2) Geographic Data Structure: The Contractor shall develop all geographic information in a structure consistent with the Spatial Data Standards (SDS), Version 2.2, released in August, 2002, or a higher version if available at the time of this project. The Contractor shall consult with the Government concerning modifications or additions to the SDS. The Government may approve modifications to the Standard if it is determined that SDS does not adequately address subject datasets. The American National Standards Institute's (ANSI) Committee for Information Technology Standards has approved the Spatial Data Standard for Facilities, Infrastructures, and Environment (SDSFIE) as ANSI standard NCITS 353. Copies of the SDS may be obtained by contacting:

Director, U.S. Army Engineer Waterways Experiment Station
CADD/GIS Technology Center
Attn: CEWES-IM-DA/Smith
3909 Halls Ferry Road
Vicksburg, MS 39180-6199

Electronic copies of the Standards are also available from the CADD/GIS Technology Center's Internet homepage at URL address:

<http://tsc.wes.army.mil>

(3) Content Specifications for Geospatial Data:

The Contractor shall develop all geographic information in a structure consistent with the latest version of Spatial Data Standards (SDS). Specific content for environmental planning and range planning themes supplemental SDS is available from the NAVFAC Data Committee. The Contractor shall consult with the Government concerning modifications or additions to the SDS.

The environmental data themes and attributes developed by the NAVFAC Data Committee have been specified to augment the existing standards in order to make geospatial data more useful to the specific business functions involved in environmental and ranges planning. Subject matter experts identified these themes to add value and relevancy to geospatial data deliverables. "Best available data" shall be provided, and will be evaluated based on whether appropriate regulatory or other authoritative sources were used to acquire raw or complete data for specific themes (see Geographic Data Review below).

(4) Geographic Data Documentation:

For each digital file delivered containing geographic information (regardless of format), the Contractor shall provide documentation consistent with the "Content Standards for Digital Geospatial Metadata, June 1998" published by the Federal Geographic Data Committee. The documentation shall include but is not limited to the following: the name and description of the map layer or coverage, the source of the data and any related data quality information such as accuracy and time period of content, description of equipment or instruments used in the data collection, the type of data coverage (point, line, polygon, etc.), the field names of all attribute data and a description of each field name, the definition of all codes used in the data fields, the ranges of numeric fields and the meaning of these numeric ranges, the creation date of the map layer and the name of the person who created it. A point of contact shall be provided to answer technical questions. Metadata generation tools included in the ArcGIS suite of software shall be used in the production of the required metadata in XML format. Alternately, another metadata generation tool called document.aml is available from ESRI for use with ARC/INFO to produce the required metadata. If neither of these tools is used, the Contractor must insure that the metadata is delivered in a format, which can be easily translated to the XML format. All metadata needs to comply with the Federal Geographic Data Committee (FGDC) format. Copies of the FGDC metadata standard can be obtained by contacting:

FGDC Secretariat
c/o U.S. Geological Survey
590 National Center
Reston, Virginia 22092
(703) 648-5514

FGDC metadata standards can also be found on the Internet at:
URL <http://www.fgdc.gov/metadata>

(5) Geographic Data Review:

The digital geographic maps, related data, and text documents shall be included for review in the draft and final contract submittals. The reviews shall include a visual demonstration of the geographic data on one of the Sun Sparc or Windows computer systems supported by the Geographic Information System (GIS) Section, Business and Logistics Support Department. Contractor shall have a technical consultant available at each review to assist with any digital data discrepancies. The data will be analyzed for subject content and system compatibility. The Contractor prior to approval of the final submittal shall incorporate review of comments to data and text.

In all cases "Best Available Data" should be provided. The government will evaluate contractor's performance in delivering the "best available data" based on the following criteria:

Raw or complete data has been acquired from the appropriate regulatory or authoritative sources.

Compliance with existing standards and data content guidance

Age of Data

Date gathered

Date published

Collection Method

Tools

Platforms (e.g. foot, ship, plane, vehicle)

Review Process

Completeness of Data

Number of errors identified

Complete set of attributes

Who gathered data

Where did data come from

Spatial Resolution

Quality and completeness of metadata

Compatibility with known good datasets
Geographic extent
Data use restrictions
Relationships built with data gatherers

(6) Ownership:

All digital files, final hard-copy products, source data acquired for this project, and related materials, including that furnished by the Government, shall become the property of the Marine Corps, and will not be issued, distributed, or published by the Contractor. All files shall be a deliverable at the IDEIS deliverable period, and at the FEIS deliverable.

APPENDIX D
BIOLOGICAL ASSESSMENT

D-1.0 GENERAL INFORMATION

This appendix establishes the Marine Corps requirements for ensuring military readiness and sustainability while complying with natural resource protection laws, and conserving and managing natural resources. Reference Marine Corps Order P5090.2A, Environmental Compliance, change 1, Chapter 12 for specific guidance.

D-2.0 SERVICES REQUIRED

D-2.1 MEETINGS

The Contractor will attend the following meetings and be responsible for preparing the agenda and minutes for each meeting.

1. Meet with Marine Corps to discuss scoping of BA and potential for Terrestrial and Marine BAs.
2. Meet with Marine Corps to discuss review comments on the Draft BA.
3. Meet with Marine Corps to discuss review comments on the Proof Final BAs

The Contractor shall prepare and disseminate meeting agendas electronically at least three days prior to the meeting. The Contractor shall prepare and disseminate meeting minutes electronically within five days after the meeting.

D-2.2 DRAFT BA

The Contractor will prepare a draft BA.

The Contractor will prepare and submit a Draft BA for Marine Corps review. The BA will include issues for consultation with the Fish and Wildlife Service (FWS). The BA shall follow the most current format recommended by FWS guidance on BA preparation. The Draft BA shall be submitted in both electronic and hard copy formats (20 copies). The Draft BA will be submitted at the same time as the PDEIS version 1. The same style format, using MSWORD, as the EIS document is required. The BA shall include the following:

- An introduction that will provide the reviewing agency with adequate background and knowledge of the project and its intent.
- A description of Consultation History that has occurred within the operational footprint that may be pertinent to the action.
- A short and concise description of the alternatives considered within the EIS.
- A list and short discussion of the Species Considered.
- Survey information for the species evaluated.
- A description of the environmental baseline.

- A description of the effects of the proposed action and No Action.
- A Determination of Effect.
- Mitigation Measures.

D-2.3 PROOF FINAL BAs

The Contractor will prepare a Proof Final BA.

The Contractor will incorporate Marine Corps comments into a Proof Final BA and submit for Marine Corps review. The Proof Final BA will be submitted in a red-line format so the changes are visible to the reviewers. The submittal will be in both electronic and hard copy formats (20 copies). The Proof Final BA will be submitted within 30-days after the review meeting for the Draft BA.

D-2.4 FINAL BA

The Contractor will prepare a Final BA.

The Contractor will incorporate Marine Corps comments into Final BA. The Final BA shall be complete and edited for submittal to the regulatory agencies for review. The Final BA shall include a draft transmittal letter for Marine Corps use. The contractor will participate in a consultation meeting with regulators to resolve any concerns about the action and BA. The submittal will be in both electronic and hard copy formats (20 copies) and is due within 21-days after receipt of Marine Corps comments on the Proof Final BA.

D-2.5 REVISE BA

The Contractor will prepare a revised Final BA.

The Contractor will revise the BA to reflect any comments made by the regulatory agencies. The Revised BA should be complete and edited for inclusion in the FEIS and resubmitted to the regulatory agencies for concurrence. The submittal will be in both electronic and hard copy formats (20 copies). The revised BA will be submitted within 21-days of receipt of Agency comments.

D-3.0 MEETINGS, DELIVERABLES, SCHEDULE

D-3.1 MEETINGS

SOW Section	Meeting Purpose	Location	# of Days*
D-2.1	Marine Corps Meeting	MCI East, MCB Camp Lejeune, Jacksonville, NC area	2
D-2.1	Draft BA Review	MCI East, MCB Camp Lejeune, Jacksonville, NC area	2
D-2.1	Proof Final BA Review	MCI East, MCB Camp Lejeune, Jacksonville, NC area	2
D-2.4	Agency Meeting	Raleigh, NC area	2

D-3.2 DELIVERABLES

SOW Section	Deliverable	Electronic	# Hard Copies	# CDs	Delivery Deadline
D-2.1	Meeting Agendas	✓	N/A	N/A	5 days prior to Meetings
D-2.1	Meeting Minutes	✓	N/A	N/A	5 days after Meetings
D-2.2	Draft BA	✓	10	N/A	w/ IDEIS v. 1
D-2.3	Proof Final BA for Terrestrial Biology	✓	10	N/A	30 days after Draft BA Review Meeting
D-2.4	Two Final BAs	✓	10	N/A	21 days after receipt of Marine Corps Comments on Proof Final BA
D-2.5	Revised Final BA	✓	N/A	N/A	21 days after receipt of Agency comments on Final BA

D-3.3 SCHEDULE

This schedule is for planning and estimating purposes only. The Contractor will develop a more accurate project schedule as required under this SOW. This schedule denotes only major milestones and does not show all key tasks required to accomplish the project.

Task	Project Calendar Days*	Approximate Date
BA Scoping Meeting	21	
Draft BA	245	
Review Meeting #1	259	
Proof Final BA	289	
Review Meeting #2	303	
Final BA	324	
Revised Final BA	405	

*Project Calendar Days will be converted to project workdays in the Microsoft Projects Schedule.

The Contractor shall submit, in writing to the Government PM, any desired schedule changes for review and approval by the Government PM.

APPENDIX E CLEAN AIR ACT CONFORMITY ANALYSIS

GENERAL INFORMATION

In order to ensure that Federal activities do not hamper local efforts to control air pollution, Section 176(c) of the Clean Air Act (CAA), 42 U.S.C. 7506(c), prohibits Federal agencies, departments or instrumentalities from engaging in, supporting, providing financial assistance for, licensing, permitting or approving any action which does not conform to an approved State or Federal implementation plan.

Conformity to an implementation plan means: Conformity to a plan's purpose of eliminating or reducing the severity and number of violations of the National Ambient Air Quality Standards (NAAQS) and achieving expeditious attainment of such standards; and that such activities will not (1) cause or contribute to any new violation of the NAAQS; (2) increase the frequency or severity of an existing violation; or (3) delay the timely attainment of a standard, interim emission reduction, or milestone. Section 176(c) was amended in 1995 to clarify that the conformity requirements apply only to designated non-attainment and maintenance areas.

The Contractor shall complete the analyses in accordance with MCO 5090.2A, as appropriate to perform a conformity review. The Contractor will initiate this review upon approval of the DOPAA that will delineate the Proposed Action and Alternatives, all of which must be evaluated. The Contractor will prepare a technical paper to document the conclusions of a Conformity Review and submit for Marine Corps concurrence. The Technical Paper will be submitted electronically within 90 days of contract award (DOPAA approval). If the Technical Paper results in a conclusion that no further documentation is required, the Technical Paper will be integrated into the NEPA instrument. Any other conclusion will require completion of addition steps for an air conformity analysis

The Conformity Review will include air basins: between MCAS Cherry Point, Havelock, NC, MCAS Beaufort, Beaufort, SC and Townsend Range, Georgia. These basins are assumed to be in areas that meet the NAAQS for criteria pollutants designated as being "in attainment".

APPENDIX F Coastal Zone Management

The Coastal Zone Management Act (CAMA) enacted in 1972, created the National Coastal Management Program for management and control of the uses of and impacts on coastal zone resources. The program is implemented through federally approved state coastal management programs (CMPs).

Federal approval of a state CMP triggers the CAMA Section 307 federal consistency determination requirement. Section 307 mandates that federal actions with a state's coastal zone (or outside the coast zone, if the action affects land or water uses or natural resources within the coastal zone) be consistent to the maximum extent practicable with the enforceable policies of the state CMP. Federal Agency actions include direct and indirect federal agency activities, federally approved activities, and federal financial assistance activities. Accordingly, federal agency activities (direct, indirect, or cumulative) reasonably affecting the state's coastal zone must be fully consistent with the enforceable policies of the state's CMP, unless compliance is otherwise prohibited by law. There are no categorical exemptions or exclusions to or from the Section 307 consistency requirement.

The Contractor shall prepare a coastal consistency determination for each site. Marine Corps will review and comment on the Coastal Consistency Document during the DEIS review process. The Marine Corps will submit a copy of the Consistency documentation to the regulatory agency for concurrence.

APPENDIX G Wetland Survey and Delineation

Executive Order 11990, *Protection of Wetlands*, directs federal agencies to take action to minimize the destruction, loss, or degradation of wetlands on their property and mandates review of proposed actions on wetlands through procedures established by NEPA.

The contractor shall gather and analyze existing information of wetlands in support of Section 404 of the Clean Water Act (CWA) and other federal laws, regulations, and policies that regulate activities in wetlands. This requirement includes the preparation and publication of the draft, pre-final and final wetland delineation report with data forms for submission to U.S. Army Corps of Engineers (USACE) for a jurisdictional determination. (Detailed requirements for services, submittals, meetings and times are provided in Appendix G). Where applicable, the Contractor shall use existing wetland surveys data. The need for additional surveys and/or preparation of a wetland mitigation plan may be identified based on operational gather efforts and DOPAA development. If additional survey and/or a wetland mitigation plans are needed to support consultation efforts, they will be covered under a separate task order.

G-1.0 GENERAL INFORMATION

This appendix establishes the Marine Corps requirements for ensuring military readiness and sustainability while complying Executive Order 11990, *Protection of Wetlands*, Reference Marine Corps Order P5090.2A, for specific guidance.

G-2.0 SERVICES REQUIRED

G-2.1 MEETINGS

The Contractor will attend the following meetings and be responsible for preparing the agenda and minutes for each meeting.

1. Meet with Marine Corps to discuss scoping of Wetlands Survey and Delineations Report
2. Meet with Marine Corps to discuss review comments on the Draft Wetlands Survey and Delineations Report.
3. Meet with Marine Corps to discuss review comments on the Proof Final Wetlands Survey and Delineation Report

The Contractor shall prepare and disseminate meeting agendas electronically at least three days prior to the meeting. The Contractor shall prepare and disseminate meeting minutes electronically within five days after the meeting.

G-2.2 DRAFT Wetlands Survey and Delineations Report.

The Contractor will prepare a draft Wetlands Survey and Delineation Report. The Contractor will prepare and submit a Draft Wetlands Survey and Delineations Report for Marine Corps review. The Draft Wetlands Survey and Delineations Report shall be submitted in both electronic and hard copy formats (20 copies). The Draft Wetlands Survey and Delineations Report will be submitted at the same time as the IDEIS version 1. The same style format, using MSWORD, as the EIS document is required. The Wetlands Survey and Delineations Report should include both desktop data analysis and interpretation as well as a site investigation to field verify the available information and to determine if wetlands are present on any of the alternative sites. Contractor shall review National Wetland Inventory Maps (NWI), both United States Geological Survey (USGS) Topographic Quadrangle of the areas in question, topographical data, aerial photography, and available soil survey data and hydrophytic vegetation. Site investigation shall be conducted in accordance with the 1987 Corps of Engineers Wetlands Delineation Manual, which examines the three criteria necessary for an area to be considered a wetland: the presence of wetland hydrology, hydric soils, and hydrophytic vegetation.

G-2.3 Pre-final Wetlands Survey and Delineation Report

The Contractor will prepare a Pre-final Wetlands Survey and Delineation Report.

The Contractor will incorporate Marine Corps comments into a Pre- final Wetlands Survey and Delineation Report and submit for Marine Corps review. The Pre-final Wetlands Survey and Delineation Report will be submitted in a red-line format so the changes are visible to the reviewers. The submittal will be in both electronic and hard copy formats (20 copies). The Pre-final Wetlands Survey and Delineation Report will be submitted within 30-days after the review meeting for the Draft Wetlands Survey and Delineation Report.

D-2.4 FINAL Wetlands Survey and Delineation Report

The Contractor will prepare a Final Wetlands Survey and Delineation Report

The Contractor will incorporate Marine Corps comments into Final Wetlands Survey and Delineation Report. The Final Wetlands Survey and Delineation Report shall be complete and edited for submittal to the regulatory agencies for review. The Final Wetlands Survey and Delineation Report shall include a draft transmittal letter for Marine Corps use. The Contractor will participate in a consultation meeting with regulators to resolve any concerns about the action and Wetlands Survey and Delineation Report. The submittal will be in both electronic and hard copy formats (20 copies) and is due within 21-days after receipt of Marine Corps comments on the Pre-final Wetlands Survey and Delineation Report.

D-2.5 REVISE Final Wetlands Survey and Delineation Report

The Contractor will prepare a revised Final Wetlands Survey and Delineation Report

The Contractor will revise the Final Wetlands Survey and Delineation Report to reflect any comments made by the regulatory agencies. The Revised Final Wetlands Survey and Delineation Report should be complete and edited for inclusion in the FEIS and resubmitted to the regulatory agencies for concurrence. The submittal will be in both electronic and hard copy formats (20 copies). The revised Final Wetlands Survey and Delineation Report will be submitted within 21-days of receipt of Agency comments.

G-3.0 MEETINGS, DELIVERABLES, SCHEDULE

G-3.1 MEETINGS

SOW Section	Meeting Purpose	Location	# of Days*
G-2.1	Marine Corps Meeting	MCI East MCB Camp Lejeune, Jacksonville, NC	2
G-2.1	Draft Wetlands Survey and Delineation Report	MCI East MCB Camp Lejeune, Jacksonville, NC	2
G-2.1	Pre-final Wetlands Survey and Delineation Report	MCI East MCB Camp Lejeune, Jacksonville, NC	2
G-2.4	Agency Meeting	Raleigh, NC area	2

G-3.2 DELIVERABLES

SOW Section	Deliverable	Electronic	# Hard Copies	# CDs	Delivery Deadline
G-2.1	Meeting Agendas	✓	N/A	N/A	5 days prior to Meetings
G-2.1	Meeting Minutes	✓	N/A	N/A	5 days after Meetings
G-2.2	Draft Wetlands Survey and Delineation Report	✓	10	N/A	w/ IDEIS v. 1
G-2.3	Pre-Final Wetlands	✓	10	N/A	30 days after Draft Wetlands

SOW Section	Deliverable	Electronic	# Hard Copies	# CDs	Delivery Deadline
	Survey and Delineation Report				Survey and Delineation Report
G-2.4	Final Wetlands Survey and Delineation Report	✓	10	N/A	21 days after receipt of Marine Corps Comments on Pre- Final Wetlands Survey and Delineation Report
G-2.5	Revised Final Wetlands Survey and Delineation Report	✓	N/A	N/A	21 days after receipt of Agency comments on Final Wetlands Survey and Delineation Report

G-3.3 SCHEDULE

This schedule is for planning and estimating purposes only. The Contractor will develop a more accurate project schedule as required under this SOW. This schedule denotes only major milestones and does not show all key tasks required to accomplish the project.

Task	Project Calendar Days*	Approximate Date
Wetlands Survey and Delineation Report Scoping Meeting	21	
Draft Wetlands Survey and Delineation Report	245	
Review Meeting #1	259	
Pre-Final Wetlands Survey and Delineation Report	289	
Review Meeting #2	303	
Final Wetlands Survey and Delineation Report	324	
Revised Final Wetlands Survey and Delineation Report	405	

*Project Calendar Days will be converted to project workdays in the Microsoft Projects Schedule.

The A/E shall submit, in writing to the Contracting Officer, any desired schedule changes for review and approval by the Contracting Officer.

Statement of Work

ENVIRONMENTAL IMPACT STATEMENT (EIS) FOR THE JSF INTRODUCTION AND OPERATION OF THE JOINT STRIKE FIGHTER (JSF) TO THE WEST COAST OF UNITED STATES OF AMERICA

1.0 INTRODUCTION

The materials provided in this Attachment focus on project information and requirements associated with the West Coast EIS.

2.0 BACKGROUND

Efforts to conduct an Initial Siting Study and prepare environmental planning documentation to support actions associated with the Proposed Action are part of a contract awarded (N68711-01-D-6205, Task Order 0015) in September 2005. The preparation of the Description of Proposed Action and Alternatives (DOPAA) is also included in the scope of the contract awarded in 2005. Therefore, the efforts for this current scope of work are associated with the task elements for completing the EIS and the Record of Decision (ROD). Recent discussions regarding the timeline for the JSF Introduction to the West Coast resulted in a decision to initiate the EIS concurrently with the Initial Siting Study. The initiation of the Siting Study and the DOPAA are contingent on the results of a radius analysis, which is currently underway to help determine the range of locations that could potentially be considered for homebasing the JSF. It is assumed that a Notice of Intent (NOI) could be submitted by February 2009.

2.1 PROJECT DESCRIPTION

The JSF is a 5th generation, stealth, supersonic, multi-role, short takeoff, vertical landing (STOVL) strike fighter that will replace the AV-8B Harrier and the F/A-18 A/C/D Hornet to meet the United States Marine Corps (USMC) mission requirements. The STOVL variant, designated F-35B will perform five (5) of the six (6) functions of Marine Corps Aviation: Offensive Air Support, Anti-air Warfare, Electronic Warfare, Aerial Reconnaissance, and Control of Aircraft and Missiles. The F-35B will be the world's first operational supersonic STOVL aircraft. The F-35B will have a stealthy, belly-mounted 25 millimeters missionized gun pod and a combat radius of more than 450 NM- nearly two times that of legacy STOVL strike fighters. A shaft-driven lift fan, in combination with a vectoring rear exhaust nozzle, gives the F-35B the ability to take off in short distances, accelerate to supersonic speeds in level flight, and land vertically. The West Coast EIS will distinctively address the impacts associated with the JSF introduction and replacement of AV-8B and the F/A-18 A/C/D to the 3rd Marine Aircraft Wing (MAW).

The USMC is planning to "field" 12 squadrons (10 active and 2 reserves) on the West Coast. It is assumed that legacy F/A-18 A/C/D Hornet squadrons will be replaced by 10-plane JSF squadrons and that the AV-8B Harriers will be replaced by 16-plane JSF squadrons. The USMC plans that the 16 plane squadrons will have the ability to cut out a 6 plane Det for MEU deployment and retain the 10 plane core. Training will be the same between the 16 and 10 squadrons. It is anticipated that the breakout of the Det will only impact Aux 2 utilization as they prepare for deployment aboard L Class ships. The legacy VMFAT-101 F/A-18 training squadron at Miramar will continue to operate until approximately 2020 and then be deactivated. Although the possible homebasing locations have not yet been firmly decided, it is assumed that 2 locations may be analyzed for full consideration in the West Coast EIS. MCAS Miramar and MCAS Yuma are the preferred site locations for a split base scenario on the West Coast.

The USMC is considering a proposal to move a JSF Operational Testing and Evaluation (OT&E) squadron with six (6) aircraft from Edwards AFB to Yuma in 2014. Although the OT&E mission has independent utility from the operating squadron beddown proposal, the Contractor shall assume that if the proposal is confirmed (built in this scope as an Option in Section 4.18), the EIS would address the proposed action for both homebasing scenarios (homebasing/operations of JSF and homebasing/operations of JSF OT&E).

The first operating JSF squadrons are scheduled to be introduced to the West Coast in FY12 with the progressive introduction of additional squadrons through FY20. NEPA analysis will examine the impacts and alternatives for replacement or renovation of facilities used to house and maintain the AV-8B Harrier and the F/A-18 A/C/D Hornet including buildings, utilities, and infrastructure. In addition, the analyses will examine the impacts associated with the JSF operations in the West Coast including operations beyond the airspace associated with the installations being considered for homebasing the aircraft. For cost estimating purposes, the Contractor shall assume that West Coast operations will be conducted within existing special use airspace (SUA)/military Restricted Areas, Military Training Routes (MTRs) and targets. However, due to emerging JSF training requirements, the Contractor shall be prepared to address timely proposals for reconfiguration of existing airspace in order to accommodate these potential requirements (or mitigation measures). The Contractor shall further assume that construction/site development including runway, apron and taxiway upgrades may be necessary to accommodate JSF operations. Also the disposal of the existing aircraft will be discussed in the NEPA document. A JSF site survey report prepared by Lockheed Martin under direction from HQMC and the JSF Project Office is complete for MCAS Yuma and can be made available to the Contractor. It is anticipated that low-level training within JSF routes through the Cabeza Prieta National Wildlife Refuge (CPNWR) and Sonoran pronghorn habitat will require consultation under the Endangered Species Act (ESA). Although, the Government intent is to consult on the Draft EIS, the Contractor shall be prepared to develop a separate Biological Assessment, if one is deemed necessary (included as an Option in this contract). If biological resource surveys are needed to support ESA consultation, the Contractor shall be prepared to address timely proposals for conducting such surveys. The potential need for natural and cultural resources surveys will be determined based on the operational data gathering efforts and DOPAA development and are not specifically identified in this SOW. If natural and/or cultural resources surveys are needed, they will be covered under a separate task order.

Environmental issues associated with the proposed action include potential impacts related to noise, potential impacts on threatened and endangered species, potential impacts to soils and geology, potential impacts to ground or surface waters, potential impacts to air quality during facility construction and aircraft operation, potential impacts to cultural resources, and potential impacts to socioeconomics. Among these resource areas, noise and air quality are anticipated to be the most controversial. It is also anticipated that some JSF basing scenarios in the West Coast will likely increase NO_x and carbon monoxide (CO) emissions to levels exceeding local and regional threshold concentrations.

The NEPA analysis will require preparation of an Operational Data Summary that will quantify current AV-8B Harrier and the F/A-18 A/C/D Hornet operations and future JSF training operations at MCAS Miramar, MCAS Camp Pendleton, MCAS Yuma (Bob Stump Complex), MAGTF 29 Palms, Marine Corps Mountain Warfare Training Center (MCMWTC) Bridgeport, Nellis Air Force Base, NWC China Lake, SOCAL (Whiskey 291), and selected MTRs. Although a Training and Readiness (T&R) Manual will be developed for the JSF, the number and type of operations will be based on the AV-8B (NAVMC Directive 3500.99) and the FA-18 (NAVMC Directive 3500.107) T&R Manual(s). For range use, it is assumed that the JSF will fly 80% like an F/A 18 and 20% like an AV-8B with a more air to air component. It is anticipated that the F-35B will perform approximately 10% more training (approximately 55% vice approximately 45%) via simulators than legacy aircraft.

Included in the EIS analysis will be the no action alternative (no replacement of AV-8B H and F/A-18 A/C/D). For the West Coast, the analysis will likely consider a range of alternatives including split base scenarios between MCAS Miramar and MCAS Yuma as well as full basing alternatives at each of the two installations. Alternatives considered as part of the pre-environmental studies and DOPAA preparation but not brought forward for analysis may include Navy bases such as El Centro, and potentially Air Force Bases. The identification of the range of feasible alternative locations will be based on the results of a radius analyses currently underway as part of Siting Study efforts associated with the beddown of the JSF in the West Coast.

Headquarters Marine Corps (HQMC), Department of Aviation is identified as the Action Proponent.

The products of this delivery order may contain classified information. Some aspects of a proposed action may involve information not releasable to the public because it is classified or for some other legal reason. The Contractor

shall prepare, safeguard and disseminate the EIS, both draft and final, per the requirements applicable to classified or sensitive unclassified information. When feasible, the Contractor should organize the documents in such a manner to include the classified or sensitive unclassified portions as appendices. In this way, unclassified portions can be made available to the public. Some cultural resources information may be considered sensitive and not releasable. All information, data, maps, and reports generated under this contract will be considered Department of the Marine Corps (DoN) property and shall not be disseminated, either verbally or in written form, without prior written approval by the Government PM.

3.0 REFERENCES/COMPLIANCE REQUIREMENTS

The Contractor will ensure that all work completed under the requirements of this SOW complies with the following references and compliance requirements:

References

The EIS shall refer to the following documents when appropriate:

- U.S. Department of the Marine Corps, 2006, Miramar Integrated Natural Resources Management Plan (INRMP)
- U.S. Department of the Air Force, 2007, Barry M. Goldwater Range Integrated Natural Resources Management Plan (INRMP)
- U.S. Department of the Marine Corps, 2004, SOCAL Range Required Capabilities Document (RRCD)
- U.S. Department of the Marine Corps, 2001, Ranges to Readiness (R2R) Study
- U.S. Department of the Marine Corps, 2003, West Coast Aviation and Range Plan

Compliance Requirements

- The National Environmental Policy Act (NEPA) of 1969, 42 U.S.C. 4321, as amended.
- Council on Environmental Quality (CEQ) Regulations For Implementing the National Environmental Policy Act, 40 C.F.R. 1500-1508, 1 July 1986.
- Department of the Marine Corps, Marine Corps Environmental and Natural Resources Program Manual, MCO 5090.2A, change 1, Ch-12
- Endangered Species Act of 1973 (ESA)
- Joint Regulations (United States Fish and Wildlife Service, Department of Commerce); Endangered Species Committee Regulations, 50 CFR 402 Interagency Cooperation.
- Fish and Wildlife Coordination Act, 16 U.S.C. 661-666c.
- Migratory Bird Treaty Act, 16 U.S.C. 703-711.
- Bald and Golden Eagle Protection Acts, 16 U.S.C. 668-668d.
- Archaeological and Historic Preservation Act of 1974
- Clean Air Act and Amendments
- Clean Water Act, including NPDES permits
- Corps of Engineers, Department of the Army, Regulations, 33 C.F.R. 320-330.
- Safe Drinking Water Act, 42 U.S.C. 300f.
- Executive Order 11593 – Protection and Enhancement of the Cultural Environment, May 13, 1971.
- Executive Order 11988 – Floodplain Management
- Executive Order 11990 – Protection of Wetlands
- Executive Order 12114 –Environmental Effects Abroad of Major Federal Actions
- Executive Order 12898 – Environmental Justice
- Executive Order 13045 – Environmental Health and Safety Risks to Children
- Executive Order 13186 – Responsibility of Federal Agencies to Protect Migratory Birds, January 11, 2001.
- Presidential Proclamation 7264 – California Coastal National Monument, Jan 11, 2000
- Fish and Wildlife Coordination Act
- Land and Water Conservation Fund Act of 1965

- Wild and Scenic Rivers Act, as amended
- Native American Graves Protection and Repatriation Act, 25 U.S.C. 3001 & 40 C.F.R. 10.
- Noise Control Act
- Resource Conservation and Recovery Act, (Solid Waste Disposal Act), 42 U.S.C.6901.
- Comprehensive Environmental Response, Compensation and Liability Act, 42 U.S.C. 9601.
- Emergency Planning and Community Right-to-Know Act, 42 U.S.C. 11001.
- Pollution Prevention Act of 1990, 42 U.S.C. 651 et seq.
- National Historic Preservation Act, 16 U.S.C. 470, as amended, and 36 C.F.R. 800: Protection of Historic Properties.
- Antiquities Act of 1906, 16 U.S.C. 431
- Archeological Resources Protection Act of 1979, 16 U.S.C. 470aa-470mm.
- American Indian Religious Freedom Act of 1978, 42 U.S.C. 1996.
- Atomic Energy Act, 42 U.S.C. 2011.
- Occupational Safety and Health Act of 1970, 29 U.S.C. 651.

4.0 SERVICES REQUIRED

Each of the Sections below details the services, products, meetings and time expectations to complete the NEPA documentation for this project. Allotted times within this SOW are expressed in terms of business days except where specifically noted. Section 4.11 (Microsoft Projects Schedule) provides a discussion of business days. The designated submittal dates provided in this SOW are general guidelines for estimating purposes and use in preparation of the Microsoft Projects Schedule. The Contractor is encouraged to have submittals precede the established deadlines, wherever possible, in order to create “float” within the project and avoid future delays if subsequent tasks should exceed their estimated timeframe.

Wherever possible in this SOW, the number of days associated with each meeting and the number of copies of all printed material is provided to establish a common basis of cost estimating. Meeting minutes are required to be prepared by the Contractor for distribution to the EIS team and are included in the tasking for meeting attendance. Some deliverables are requested in electronic format. Due to Marine Corps/Marine Corps Internet restrictions, electronic mail attachments over 10 MB in size will not be acceptable. Any electronic deliverables exceeding the 10 MB size will be made available via the project web site or through use of a secure FTP site with e-mail notice to appropriate recipients. Data should be compatible with the Marine Corps Range Database.

The following table shows efforts included in this SOW that are discussed in detail in the appropriate sections. With receipt of this SOW, the Contractor will also be provided with a template for preparing a fee proposal using an Excel spreadsheet. The Contractor will utilize this template and will not deviate from its format without first conferring with the Government PM and Contracting Officer.

Element #	SOW Element Title
4.1	Kickoff Meeting, DOPAA review
4.2	Public Involvement Plan,
4.3	NOI
4.4	Scoping
4.5	Web Site
4.6	Refinement/Revisions to Chapters 1 and 2 (Based on DOPAA prepared under separate contract)
4.7	IDEIS Development to DEIS
4.8	DEIS Public Hearings and Comments Compilation DEIS Public Hearings, Comments Review Meeting
4.9	Additional Noise Analyses
4.10	Clean Air Act Conformity Determination
4.11	Project Team Meetings, Transition Task Force (TTF) meetings, HQMC & MCI East and MCI West Briefings
4.12	Microsoft Project Schedule and Project Management Plan
4.13	Project Record
4.14	IFEIS Preparation to FEIS
4.15	FEIS Submittal and Notification
4.16	Compile Consultation and Draft ROD
4.17.1	Biological Assessment and Consultation Meetings
4.17.2	Cultural Resources Literature Search and Analyses
4.17.3	Coastal Consistency Determination and Meetings
4.18	JSF OT&E Squadrons
4.19	Meetings
4.20	Deliverables
4.21	Schedule
4.22	Contract Evaluation
4.23	General

4.1 PROJECT KICKOFF MEETING

The Contractor will a) hold a Project Kickoff Meeting, and b) prepare minutes of this meeting.

Upon award of the delivery order, the Contractor will contact the Government PM to arrange a Project Kickoff Meeting date for the EIS. Location for the West Coast meeting will be in San Diego or Yuma and will be a one-day meeting with an additional day allowed for travel. The purpose of the kickoff meeting is to: a) discuss the requirements contained in the SOW, b) review the draft Microsoft Projects milestones and schedule submittal (see Section 4.12), c) review the developed an initial list of reasonable alternatives, d) review any pending operational data and, e) establish an action list for the PIP and Scoping process (see Sections 4.2 and 4.4). The Contractor will prepare and disseminate a Kickoff Meeting Agenda five (5) days prior to the meeting.

The Contractor shall be responsible for preparing and disseminating minutes within 5-days following the Kickoff Meeting. Minutes will be in an electronic format for dissemination by e-mail and posting to the Marine Corps-only access portion of the project web site (See Section 4.5).

4.2 PUBLIC INVOLVEMENT PLAN

The Contractor will be responsible for preparing a Public Involvement Plan (PIP).

The Contractor will coordinate with the Government PM, local commands and Marine Corps Public Affairs Offices (PAOs) to produce a PIP. The purpose of such a plan is to determine what actions must be taken during the course

of this project to properly and most effectively conduct public communications and out-reach. A meeting will be held with appropriate Public Affairs representatives for all DoD bases included in Area of Potential Effect. Cultural Resource, Natural Resource and other subject matter experts with experience in the study area will discuss and develop what must be included in the PIP. The PIP should include, at a minimum, discussion of political, environmental justice, socioeconomic, natural and cultural resource issues that could be important during the EIS process, as well as a discussion of the outreach techniques to be employed throughout the life of this project. These techniques will include identification of newspapers to be utilized for public notices or media releases, types and size of ads that should most effectively be utilized within the newspapers, the use of other public media such as radio or television, the number of public meetings and best locations for scoping and public hearings, roles of Government and Contractor personnel, how fact sheets may be utilized, and other pertinent issues that may be appropriate for this location. The PIP will also determine the requirement for multilingual information. The PIP will include the public and internal mailing lists for the project and notification lists (such as, which PAOs need to receive copies of ads prior to their publication). The PIP must also include a discussion on use and content of the project web site described in Section 4.5.

The Contractor will hold the PIP development meeting on the same day of the Kickoff meeting and allow one extra travel day for this effort. The Contractor will provide a PIP Meeting agenda five (5) days prior to the meeting. A draft PIP will be developed and an electronic copy submitted to Marine Corps within 20 days after the PIP development meeting. The Contractor will incorporate Marine Corps comments and provide 10 printed copies and an electronic version of the Final PIP within 10 days of receipt of Marine Corps comments. The Contractor will distribute the 10 copies via express mail as directed by the Government PM.

4.3 NOTICE OF INTENT (NOI)

The Contractor shall prepare a) a NOI for HQMC for Federal Register publication, b) a newspaper block advertisement, and c) letters to notify public/stakeholders of the intent to prepare an EIS for this proposed action.

4.3.1 NOI

The Contractor will prepare a draft NOI and will submit it electronically for review by the Marine Corps within 20 days after the Project Kickoff Meeting. Government review will be allotted 5 days. The Contractor will incorporate Marine Corps comments and submit an electronic final version of the revised NOI to the Marine Corps within 5 days of receipt of comments. The NOI will include the project purpose and need, description of location, proposed action, and alternatives to be analyzed. If available, scoping meeting dates, locations, and times will be included in the notice.

The draft PIP will also be submitted to HQMC with the draft NOI.

The Contractor shall provide a briefing to MCI West on status and content of the NOI before it is forwarded up the chain of command.

4.3.2 Block advertisement

The Contractor will be responsible for preparing a Notice of Intent for publication in local newspapers in the project area as designated in the PIP. For estimating purposes, the Contractor should assume nine (9) newspapers will be used for three consecutive days. The Contractor will be responsible for actions and costs associated with the publication of the notice. Three subject-specific handouts (NEPA process, PIP contact information, and other information) and 5 fact sheets (JSF facts, etc.) will be utilized where appropriate as determined in the PIP. For cost estimating purposes, assume that a bi-lingual advertisement may be required. The actual need of bi-lingual advertisement will be determined based on the PIP. The appropriate type and size of ad will be determined and documented in the PIP, but for estimating purposes, the Contractor should assume that a 1/16th page size block advertisement is the preferred size and type of newspaper notification. A legal notice alone is normally not sufficient for this notification. A draft of the block ad will be prepared by the Contractor and submitted electronically to the Marine Corps for review within 15 days after the Project Kickoff meeting. The Contractor will incorporate Marine Corps comments and provide an electronic final copy of the block ad to the Government PM.

within three days after receipt of Marine Corps comments. The Contractor will ensure that the block ad is published in the appropriate newspapers within 3 days after the NOI is printed in the Federal Register. The Contractor will post the notice to the public access portion of the project web site (see Section 4.5). The Contractor will provide a copy of the printed ad and affidavit from the publishing source to the Government PM within 30 days after publication. The Contractor will be responsible for providing an electronic copy of the notice to the PAO(s) listed in the PIP prior to publication in the newspaper.

4.3.3 Notification Letters

The Contractor will prepare an electronic draft of the public/agency notices for review by the Marine Corps within 15 days after the Project Kickoff Meeting. The Contractor will incorporate comments and prepare the final notice for Marine Corps approval within five days after receipt of Marine Corps comments. The notice will include a description of the proposed action and the scoping process, including scheduled scoping meeting dates and locations. The notice will be edited appropriately for various addressees as concluded in the PIP prepared under this SOW. The mailing list is anticipated to number 500 addresses. The draft and final versions of the notice will be submitted to the Government PM electronically. The Contractor will validate the comprehensive mailing list for distribution of the Public Notice provided in the PIP. The updated list will be available for review no later than 10 days prior to the planned mailing date. The Contractor shall be responsible for distributing Public Notification letters that are signed by the Marine Corps to all appropriate and interested Federal, State, Local, and Tribal government agencies, Non-government Organizations, persons expressing an interest in the proposed action, and adjacent property owners. Upon Government PM concurrence of the letter and mailing list, the Contractor will print and mail the final Public Notice. Notices will be mailed to make delivery as soon as possible after the Federal Register NOI publication, but not prior to that date. For purposes of preparing the Fee Proposal, the Contractor should assume that 500 copies of the notification letter must be printed and mailed First Class. The Contractor shall be responsible for paying the postage.

4.4 SCOPING

The Contractor will be responsible for a) preparing scoping notices, b) supporting agency briefs, c) holding pre-scoping meetings with other agencies (i.e., FAA), d) holding a Pre-Scoping meeting with the Marine Corps, e) preparing scoping meeting materials, f) coordinating all aspects of the scoping meeting, and g) hosting a public scoping comment review meeting.

The Contractor will prepare a Notice for Scoping Meetings as required. The notice will be submitted electronically to the Marine Corps within 20 days after the notice to proceed. HQMC will prepare the endorsement and submit this to the Assistant Secretary of the Navy (ASN). This notice will be published in the Federal Register via the ASN.

The Contractor will be responsible for preparing a Notice of Scoping Meetings for publication in local newspapers in the project area as determined in the PIP. For estimation purposes, the Contractor should assume nine (9) newspapers to include newspapers in San Diego, Yuma, 29 Palms, and Bridgeport. If possible, the Contractor will try to combine publication of this notice with the Notice of Intent, but should assume separate publication efforts for purposes of preparing a cost estimate for this SOW. The Contractor will be responsible for actions and costs associated with the publication of the notice. Bi-lingual or multi-lingual notices will be utilized where appropriate as determined in the PIP but should be assumed in this SOW for cost estimating purposes. The appropriate type and size of ad will be determined and documented in the PIP, but for estimating purposes, the Contractor should assume that a 1/16th-page block advertisement is the preferred size and type of newspaper notification. A legal notice alone is normally not sufficient for this notification. A draft of the block ad will be prepared by the Contractor and submitted electronically to the Marine Corps within 20 days after the Notice to Proceed. The Contractor will incorporate Marine Corps comments and provide an electronic final copy of the block ad to the Government PM with three days after receipt of Marine Corps comments. The Contractor will ensure that the block ad is initially published in the appropriate newspapers at least 15 calendar days prior to the Scoping Meeting dates. The ad should be repeated in the newspapers once, five to ten days prior to the Scoping Meeting, and then printed the three consecutive days prior to the Scoping Meeting date. The Contractor will post the ad to the public portion of the project web site (see Section 4.5). The Contractor will provide an electronic copy of the printed ad and affidavit

from the publishing source to the Government PM within 30 days after publication. The Contractor will be responsible for providing a copy of the notice to the PAOs as listed in the PIP prior to publication in the newspaper.

The Contractor will hold pre-scoping meetings with the Marine Corps and other agencies that may be either cooperating agencies or stakeholders in the decision-making process. These agencies may include but are not limited to the Federal Aviation Administration (FAA), Luke Air Force Base, and the United States Fish and Wildlife Services (USFWS). For cost estimating purposes, the Contractor shall assume up to three (3) pre-scoping meetings with these agencies to coordinate potential issues where they may be part of the solution. For example, while the FAA may provide valuable assistance in addressing airspace congestion in the West Coast, Luke AFB which controls the Barry M. Goldwater Range East, may be key to potentially establishing the share-use of this part of the Goldwater Range. These meetings may be scheduled at anytime before the Public Scoping meeting with specific times being designated by the Government PM. In addition to these three (3) meetings, the Contractor shall hold a separate Pre-Scoping meeting with the Marine Corps. This meeting will be held prior to the initial Scoping Meeting at a time designated by the Government PM, normally three (3) to ten (10) days prior. The purpose of the meeting will be to review all materials that will be utilized at the Scoping Meeting; discuss details of meeting locations, room setups, and information station assignments; establish ground rules and instructions for scoping meeting participants; discuss how frequently asked questions should be answered; and address any other logistical details. The Contractor will prepare a meeting agenda and disseminate via e-mail to all attendees five days prior to the meeting. For the West Coast EIS, meeting location will be in San Diego and will be one day with an additional day for travel.

The Contractor will be responsible for preparing all display materials, acquiring an adequate meeting location to accommodate anticipated size of attendees, and assist in conducting scoping meetings. Four (4) open-house poster style scoping workshops will be utilized for the purpose of most efficiently providing information to the public and receiving public comment. The open-house format may include information stations, posters, videos, power point presentations, handouts, fact sheets, and appropriate technical experts to discuss details with attendees. The Contractor will make the effort to find no-cost public library, school, and local government facilities conveniently located to hold the meetings. The Contractor is responsible for meeting place rental costs, should it be necessary. The Contractor's responsibility includes having the appropriate furnishings, audio/visual equipment, and appropriate technical team members to man the information stations (this may include a combination of Contractor and Marine Corps personnel). The Contractor will prepare electronic drafts of posters, fact sheets, and handouts and will submit these materials to the Government PM for review no later than 10 days prior to the pre-scoping meeting, and subsequently to the appropriate PAOs. Upon approval, the Contractor will print posters with sufficient quality that could be utilized for multiple meetings and for the Public Hearings later in the EIS process. For purposes of preparing a Fee Proposal, the Contractor should assume that 20 color posters and 400 copies of three different handouts (EIS schedule, NEPA process), and five fact sheets (JSF facts, and other subjects) will be required for each scoping meeting. The suggested content for the posters includes: JSF background information & capabilities, installation & facility maps, Ranges map; existing operations, proposed action and alternatives.

An electronic version of the handouts and fact sheets will be made available on the public portion of the project web site. Each scoping meeting will require two days for set-up and hearing, and one additional day for travel. On the same day of the initial Scoping Meeting or the day prior (as appropriate), the Contractor will hold a "dry-run" dress rehearsal of the meeting with all participants.

The Contractor shall provide support to the Marine Corps through attendance and participation in pre-Scoping Agency, Tribal, and Chain of Command briefs as requested by the Government PM. The Contractor may be asked to prepare presentation slides, fact sheets and handouts for these briefs. Assume that a total of 50 copies of a printed single page handout will be required in addition to 50 copies of a 10-page printed power point presentation for a total of 550 printed pages. The Contractor will work closely with the Government PM and PAOs to develop presentation, fact sheets, and handouts. The Contractor should assume that this effort would require five meetings of one-day duration each.

The Contractor will provide a fluent Spanish speaker (if the need is determined by the PIP) to facilitate taking public comments.

The Contractor will hold a Scoping comment review meeting within 10 days after the end of the Public Scoping Period, or when the court reporter has compiled comments. The Contractor will list and discuss public comments, and propose how and where comments are to be covered in the documentation. The Contractor may use scoping comment inputs to develop criteria to assist developing reasonable alternatives, to drop alternatives from detailed analysis, and to identify pertinent issues for detailed assessment. The Contractor will prepare a composite list of Public Comments and a meeting agenda and disseminate these items electronically 3 days prior to the Scoping comment review meeting. The Contractor will be prepared to discuss review and update of the DOPAA at this meeting. The Contractor will prepare minutes from this meeting and will disseminate the minutes electronically within 5 days following the meeting.

4.5 WEB SITE

The Contractor will create and maintain a web site for this project.

A project web site will be activated and maintained by the Contractor within 20 days of notice to proceed. The web site will have a public access portion and a "Marine Corps-only" access portion. The "Marine Corps-only" access will be password protected. The Government PM will provide the Contractor with a list of Government personnel who require a password and access to the site with read-only privileges. The Contractor will send an e-mail notification to Government-users with web-site access information, the person's username and password.

The public access portion of the web site will make the Scoping meeting handouts, fact sheets, DEIS, FEIS and ROD available to the public via the Internet. It will also include all public notifications including Notice of Intent, notice of public scoping meetings, notice of DEIS availability, DEIS public hearing notification, and a notice of availability for the FEIS. Additionally the public access portion will provide public comment forms that can be downloaded and used to submit scoping comments and DEIS public comments.

The Marine Corps-only portion of the web site will contain a current list of project stakeholders, meeting minutes, monthly progress reports, project schedule, electronic copies of the most recent version of the EIS and other information that needs to be shared or accessible to the project stakeholders. The project stakeholder list will include names, telephone numbers, mailing address, FEDEX addresses, and e-mail addresses.

The project web site shall remain active for six calendar months after approval of the ROD. Information from the web site will be archived to a CD prior to disestablishment of the project web site. A copy of the CD containing the archived material will be sent via express mail to the Marine Corps.

4.6 REFINEMENT OF CHAPTERS 1 and 2, DESCRIPTION OF PROPOSED ACTION AND ALTERNATIVES (DOPAA)

The Contractor will review and revise as needed the draft DOPAA submitted as part of the Sitting Studies contract.

The draft DOPAA will consist of the first two sections of the NEPA analysis. The first section will be the purpose and need for the action and any pertinent background information. The second section will be a description of the proposed action, preferred alternative, no-action alternative, and action alternatives. Based on existing data, the Contractor will make a recommendation of the appropriate environmental data baseline for this NEPA document. After receiving scoping comments, the Contractor will review the DOPAA for accuracy and completeness and revise as needed within 15 days after the scoping comment review meeting. The revised DOPAA shall be submitted to the Government PM electronically.

This product will be central to the initial development of the IDEIS. The DOPAA will be posted on the Marine Corps-only access portion of the project web site.

4.7 INTERNAL DRAFT ENVIRONMENTAL IMPACT STATEMENT (IDEIS) AND (DEIS) PREPARATION

The Contractor will be responsible for a) preparing a DEIS which will include multiple versions of the internal draft, and b) printing and disseminating the DEIS.

From the approved DOPAA, the Contractor will prepare a DEIS. In the preparation of this key product it is anticipated the Contractor will prepare several versions of the preliminary DEIS for Marine Corps review before the DEIS is approved. All EIS versions will be posted on the project website. A template of the Table of Contents for the DEIS is provided in Appendix A of this SOW. The first version should be labeled Internal DEIS Version 1. This label should be prominently displayed on the cover of the document and in the header of each page of the document for this and all subsequent versions. Up to seventy (70) copies will be printed and distributed via express mail for EIS Team review. All Marine Corps stakeholders will review IDEIS Version 1. All internal versions of the DEIS will include printed line numbers on each page to facilitate the document review and location of comments.

The Contractor will host a Tiger Team review meeting to review and resolve document comments of Version 1. The Contractor will prepare 70 printed copies of IDEIS Version 2 and express mail the document to the EIS review team and HQMC/DASN/OGC reviewers within 20 days after receipt of Marine Corps comments on Version 1. A second IDEIS Tiger Team review meeting will be hosted by the Contractor to review Version 2 comments. The Contractor will prepare 70 printed copies of IDEIS Version 3 incorporating Marine Corps review comments. The Contractor will express mail these copies as directed by the Government PM within 15 days of receipt of Marine Corps comments on Version 2. All of these IDEIS versions may be bound in the most economical manner as agreed upon between the Contractor and Government PM. Upon concurrence of all Marine Corps reviewers, the Contractor will prepare 10 printed copies of the DEIS in final format for DASN briefing and express mail these copies as directed by the Government PM 5 days after receipt of Marine Corps comments on version 3. The Contractor shall provide a briefing to MCI West on status and content of the DEIS before it is forwarded up the chain of command to HQMC. During the HQMC/DASN/OGC review and brief process there is normally a requirement for edification and printing of additional pages or supplemental pages to the document. These are usually short notice and immediate action items. The Contractor will be responsible for providing these changes and pages throughout the review and approval process as requested by the Government PM. Assume that 400 pages will require editing, printing, and express mailing.

The final format DEIS will be of high quality printing and bound in a three-ring binder. The Contractor will update the PIP mailing list of interested agencies and persons for distribution of the DEIS and submit this list electronically for Marine Corps review and approval concurrent with delivery of the DEIS delivered to HQMC for DASN Brief. After DASN approval of the DEIS, the Contractor will print 200 copies of the DEIS and mail via First Class to everyone on the approved list and to others that request a copy during the public comment period. These copies should be mailed to coincide with the publication of the Notice of Availability in the Federal Register. Additionally, the Contractor will prepare 200 copies of the DEIS on CD in Adobe Acrobat format and distribute these CDs as directed by the Government PM. The Contractor will make the electronic version of the DEIS available on the project Web site for public access. This electronic version will have "key word" search capability.

The Contractor will allot for each of the two Tiger Team review meetings to be two-days in length with one additional day provided for travel for each meeting. For the West Coast EIS, meetings will be held at San Diego.

The Contractor will respond to all reviewer comments, submitted both in hard copy and electronically, by using a comment matrix format to track resolution of reviewer's issues. The comment matrix will be used as a quality assurance tool.

4.8 DEIS PUBLIC NOTIFICATION/ PUBLIC HEARINGS AND COMMENTS

4.8.1 Notice for public meetings

The Contractor shall a) prepare a notice for public hearings, b) provide notification copies of the DEIS, and c) prepare and publish a newspaper advertisement.

The Contractor will prepare a Notice for Public Hearings. The notice will be submitted electronically to the Marine Corps in a timely manner, coordinated to assure that the printed notice appears in the Federal Register no less than 25 days prior to the first Public Hearing. Normally, the Contractor should plan on allowing 30 days for Marine Corps review, coordination, and submission to the Federal Register. Cooperating Federal agencies may require 30 to 60 days for review and coordination prior to submission to the Federal Register. The notice will be published in the Federal Register via HQMC.

The Contractor will be responsible for responding to requests for additional copies of the DEIS for official notifications during this period, such as copies for the Office of Legislative Affairs. The Contractor should allow for the printing and express mailing of 20 additional copies to support this effort.

The Contractor will be responsible for preparing a DEIS Notice of Availability for publication in local newspapers as denoted in the PIP. For estimating purposes, the Contractor should assume nine (9) newspapers. This advertisement should also include a Notice for Public Hearings. The Contractor will be responsible for actions and costs associated with the publication of the notice. Bilingual or multilingual notices will be utilized as determined in the PIP, and may be most appropriate as information on the poster boards. For purposes of estimating, assume that bilingual advertisements may be required. The appropriate type and size of ad will be determined and documented in the PIP, but for estimating purposes, the Contractor should assume that a 1/16th-page block advertisement is the preferred size and type of newspaper notification. A legal notice alone is normally not sufficient for this notification. A draft of the block ad will be prepared by the Contractor and submitted electronically to the Marine Corps within five days after the DEIS is approved by the DASN. The Contractor will incorporate Marine Corps comments and submit an electronic final version of the ad three days after receipt of Marine Corps comments. The initial ad will be printed at least 25 days prior to the first Public Hearing. The ad should be repeated in the newspapers once, five to ten days prior to the Public Hearing, and then printed the three consecutive days prior to the Public Hearing date. The Contractor will provide a copy of the printed ad and affidavit from the publishing source to the Government PM within 30 days after the ad is published. The Contractor will be responsible for providing a copy of the notice to the Marine Corps Public Affairs Offices (PAO) listed in the PIP prior to publication in the newspaper. A copy of this notice and the DEIS will be posted on the public portion of the project web site.

4.8.2 Public Hearing and Comments

The Contractor will be responsible for a) holding a pre-public hearing meeting, b) supporting agency briefs, c) preparing public hearing materials, d) coordinating all aspects of the public hearing, and e) hosting a public comment review meeting.

The Contractor will hold a Pre-Public Hearing meeting with the Marine Corps and participants of the Public Hearings. The meeting will be held prior to the initial Public Hearing at a time designated by the Government PM, normally three (3) to ten (10) days prior. The purpose of the meeting will be to review all materials that will be utilized at the Public Hearing; discuss details of meeting locations, room setups, and information station assignments; establish ground rules and instructions for Public Hearing participants; review scripts; and address any other logistical details. The Contractor will prepare a meeting agenda and disseminate via e-mail to all attendees five days prior to the meeting. For the West Coast EIS, meeting location will be in San Diego and will be one day long with one additional day for travel.

The Contractor shall provide support to the Marine Corps through attendance and participation in pre-Public Hearing Agency, Tribal, and Chain of Command briefs as requested by the Government PM. The Contractor may be asked to prepare presentation slides, fact sheets, and handouts for these briefs. Assume that a total of 50 copies of a printed single page handout will be required in addition to 50 copies of a 10-page printed power point presentation for a total of 550 printed pages. The Contractor will work closely with the Government PM to develop the presentation, fact sheets, and handouts. The Contractor should assume that this effort would require five

meetings of one-day duration each including travel. This effort will normally occur immediately following the release of the DEIS to the Public. Therefore, the presentation, fact sheets, and handouts will be prepared and approved by the planned Notice of Availability date.

Three (3) Public Hearings will be held for the purpose of receiving public comment on the DEIS. The Public Hearing will incorporate a combination of open-house information stations that may include posters, videos, power point presentations, fact sheets, handouts, and a more formal hearing format to receive comments. A court reporter will be utilized by the Contractor to record comments presented at the Public Hearing. The Contractor will make the effort to find no-cost public locations to hold the hearings, but will be responsible for meeting place rental costs should it be necessary. The Contractor's responsibility includes having the appropriate furnishings, audio/visual equipment, and team members to man the information stations (this may include a combination of Contractor, Marine Corps and Marine Corps personnel). The Contractor will utilize posters, fact sheets, and handouts from the Scoping meetings to the maximum extent practical and will prepare additional electronic drafts of posters, fact sheets, and handouts for submittal to the Government PM for review as necessary no later than 10 days prior to the pre-public hearing meeting. Upon approval, the Contractor will print posters. The Contractor should assume that six new color posters would be printed. The Contractor will prepare a Public Hearing script for use by the Public Hearing Officer and other presenters. The draft script will be forwarded with draft materials and the final revised script will be submitted electronically three days prior to the Public Hearing. Additionally, the Contractor will have printed copies of the script available at the Public Hearing for those individuals with speaking parts. The Contractor will also prepare fact sheets and handouts as required for the information stations. These will be reviewed as part of the draft public hearing materials. The Contractor will assume that 300 copies of 5 fact sheets and handouts in English will be required. Final printing of the posters, fact sheets, and handouts will be done in a time appropriate to make them available for the public hearing. An electronic version of the fact sheets and handouts will be made available on the public portion of the project web site. Each public hearing will require one day for set-up and hearing, and one additional day for travel. On the same day of the initial Public Hearing or the day prior (as appropriate), the Contractor will hold a "dry-run" dress rehearsal of the meeting with all participants.

The Contractor will hold a Public Comment review meeting 7 to 14 days after the end of the Public Comment Period. This meeting will be utilized to discuss public comments, and how to address the comments within the Final EIS. The Contractor will prepare a composite list of Public Comments and a meeting agenda and disseminate electronically five days prior to the Public Comment review meeting. The Contractor will prepare meeting minutes and distribute electronically within 5 days after the review meeting. For the West Coast EIS, meeting location will be in San Diego. The meeting will be one day in length with an additional day for travel.

4.9 ADDITIONAL NOISE ANALYSES

This effort will complement the noise studies conducted as part of the Siting Studies to fully support the noise analyses for the West Coast EIS. The Contractor shall include speech/sleep noise vibration analyses for all flight paths addressed in the EIS. The Contractor shall quantify and analyze up to four alternative scenarios for the beddown of 10 active squadrons, two reserve squadrons and one Operational Testing and Evaluation (OT&E) squadron. Noise modeling for these alternatives is in addition to the noise studies being conducted under the Siting Studies contract. As part of this task element, the Contractor shall also quantify and analyze planned JSF FCLP operations at the auxiliary landing field (AUX II) at MCAS Yuma. Baseline data for AUX-II recently developed for the MV-22 Homebasing EIS will be provided to the Contractor to support the noise analyses for the JSF EIS. In addition to the alternatives and Aux II, the Contractor shall quantify and analyze the noise impacts of future JSF training operations at MCAS Camp Pendleton, MAGTF 29 Palms, and Nellis AFB. Similarly to AUX II, the Contractor shall use recently developed baseline data for these installations.

The complementary noise study shall address planned JSF operations in the West Coast that may not have been captured as part of the noise studies under the Siting Studies contract. The Contractor shall coordinate with Blue Ridge to ensure that the same noise modeling and reporting protocols are followed for the additional noise modeling covered under this Delivery Order. Operational data provided by the Installations shall be compiled by the Contractor and validated by key air operations, air traffic control, squadron, and planning personnel. The contractor shall review all existing operational procedures and operations at the Installations.

4.10 CLEAN AIR ACT CONFORMITY ANALYSIS (CAACA)

This effort will gather and analyze data pertaining to the planned future operations in all affected air basins in the West Coast. In Clean Air Act (CAA) Non-Attainment Areas an analysis will be required to ensure the proposed future action conforms to the State Implementation Plan (SIP). This requirement includes the preparation, analysis and development of the CAACA or Record of Non-Applicability (RONA), if applicable. It is anticipated that the Proposed Action will likely increase NO_x and carbon monoxide (CO) emissions to levels exceeding local and regional threshold concentrations. Detailed requirements for services, submittals, meetings and times are provided in Appendix E.

4.11 JSF TRANSITION TASK FORCE (TTF) PROJECT TEAM BRIEFINGS, PROGRESS REPORTS AND OTHER MEETINGS

The Contractor will be responsible for JSF TTF quarterly briefs, reports, and meeting minutes.

The Contractor team will fold into the JSF TTF effort. At this point the understanding is that any input into the JSF TTF at HQMC will be through MCI West.

The Contractor should plan on attending up to eight TTF Team quarterly meetings; these are usually quarterly two-day meetings including one additional day of travel for each meeting with Marine Corps team members. The Contractor shall prepare meeting minutes of the entire attended meeting and post minutes to Marine portion of the web site. Meetings requiring travel expenditures must be approved three days in advance of the meeting by the Government PM. Meeting locations will usually be in San Diego, or Washington, D.C. The meetings will be scheduled at the discretion of the Government PM as necessary, and the Government PM shall approve Contractor attendees if travel expenditures are required to attend the quarterly meetings.

4.12 MICROSOFT PROJECT SCHEDULE AND PROJECT MANAGEMENT PLAN

The Contractor will utilize Microsoft Project software to a) produce a project schedule, and b) the preparation of Project Management Plan (PMP)

The project baseline schedule should show key tasks, inter-relationships, milestones, and dates; develop a critical path; and list action owners of each task.

In conjunction with the project schedule, a PMP will be prepared for the EIS effort. The PMP shall be closely tied the project schedule and explain how the schedule fits together from an efficiency perspective. The PMP shall include:

- An updated Table of Contents
- Approach to coordinating the EIS with other NEPA efforts including East Coast versus West Coast.
- A list of data needs for each resource area
- Approach to analysis
- Permitting and consultation requirements/approach
- Additional project management issues

The Contractor will present a rough draft of the baseline schedule at the Project Kickoff meeting for discussion and comments. Project management issues and related scheduling shall be discussed at the Project Kickoff meeting. The Contractor will incorporate these comments and submit a draft baseline schedule, PMP and meeting minutes within 5 days after the Project Kickoff meeting. The Marine Corps will review and provide comments within 10 days of receipt of the draft baseline schedule and PMP. The Contractor will incorporate additional Marine Corps comments and submit the final baseline schedule and PMP electronically in MS Project and Word format to the

Government PM within 10-days after receipt of Marine Corps comments. The Contractor will submit the final baseline schedule electronically in Adobe format to Government PM and all other recipients without access to MS Project software. The baseline schedule and PMP will be posted on the Marine Corps-only access portion of the project web site.

Days within the schedule will be expressed in terms of business days. Business Days will be defined as normal workweek days (Monday through Friday) with the allocation made for Holiday observances. The 10 holidays recognized by the U.S. Government will be incorporated into the project schedule as non-business days. Due to commonly extended vacations associated with the Christmas/New Year holidays, the Contractor will confer with the Government PM to establish appropriate work/leave expectations. The designated submittal dates provided in this SOW are general guidelines for estimating purposes and use in preparation of the Microsoft Projects Schedule. The Contractor is encouraged to have submittals precede the established deadlines, wherever possible, in order to create "float" within the project and avoid future delays if subsequent tasks should exceed their estimated timeframe.

The Contractor will keep the MS Project schedule current throughout the life of the project. The Contractor will submit the updated MS Project schedule as part of the invoice process. The updated MS Project schedule will, at a minimum, show original planned dates of the baseline schedule, revised dates, and actual start and completion dates. The progress report will identify project schedule float and negative float. In addition, the monthly progress report will identify the status of current tasks and note tasks and responsible persons for actions that will occur within the next 45 days. The schedule will include associated supporting studies such as AICUZ, RAICUZ, Biological Assessments, and others noted in this SOW, as appropriate in order to show the relationship of these studies to the critical path completion of the project and tasks described in this SOW. If the studies are needed and are prepared by another contractor or delivery order, Contractor shall coordinate with other individuals to get updated scheduling information.

As part of the invoice process, and not a task element, the Contractor will provide a report on project progress with all invoices. It is recommended that invoices be submitted on the 1st working day of each month. The report will include actions completed during the previous month, actions to be completed during the next 45 days, updated MS Projects schedule, potential delays or obstacles that need resolution identifying the action proponent, items and events of special interest that may be pertinent to the project, and a project completion summary. Progress reports will be electronic and forwarded via e-mail. A copy of each progress report will be available in a folder on the Marine Corps-only access portion of the project web site and with the invoice.

4.13 PROJECT RECORD

The Contractor will be responsible for preparing a project record.

The Contractor will compile a project record in compliance with the Marine Corps guidance reference documents. The project record will be submitted to the Marine Corps within 20 days after the publication of the ROD. The project record will be submitted in both hard copy (1 copy) and electronic PDF copy (50 copies) on CD-Rom. The electronic format will support key-word searches using the find and search commands and include appropriate bookmarks tabs. The project record will consist of the acquired referenced resources, studies and data used in the analyses, preparation of the NEPA document, and preparation of associated studies noted in this SOW. Cite memorandums of agreement, personal communications, E-mails, meeting notes and decisions notes that are pertinent. Questions regarding Project Record content should be forwarded to the Government PM for Marine Corps legal counsel opinion.

4.14 OPTION: INTERNAL AND FINAL ENVIRONMENTAL IMPACT STATEMENT (FEIS) PREPARATION

The Contractor will be responsible for a) preparing a FEIS which will include multiple versions of the preliminary, and b) printing and disseminating the FEIS.

The Contractor will prepare an internal FEIS from the public input received for the DEIS. As with the DEIS the Contractor will prepare several versions of the internal FEIS for Marine Corps review before the FEIS is ready for approval. All versions of the FEIS shall be posted on the project website. A template of the Table of Contents for the FEIS is provided in Appendix B of this SOW. The first version should be labeled Internal FEIS (IFEIS) Version 1. This label should be prominently displayed on the cover of the document and in the header of each page of the document. Fifty copies will be printed and distributed via express mail for EIS Team review within 35 days after the end of the Public Comment period. All Government stakeholders will review IFEIS Version 1. All internal versions of the EIS will include printed line numbers on each page to facilitate the document review and location of comments. The Contractor will host a Tiger Team review meeting to review and resolve document comments. The Contractor will prepare 70 printed copies of IFEIS Version 2 for submittal via express mail to the EIS review team within 20 days after receipt of Government comments on Version 1. A second FEIS Tiger Team review meeting will be hosted by the Contractor to review Version 2 comments. The Contractor will prepare 70 printed copies of IFEIS Version 3 incorporating Marine Corps review comments and disseminate via express mail as directed by the Government PM within 15 days of receipt of comments on Version 2. All of these IFEIS versions may be bound in the most economical manner as agreed upon between the Contractor and Government PM.

Upon concurrence of all Government reviewers, the Contractor will prepare 70 printed copies of the FEIS in final format for MCI West briefing. The Contractor shall provide a briefing to HQMC on status and content of the FEIS before it is forwarded up the chain of command to DASN. The final format FEIS will be disseminated by the Contractor via express mail as directed by the Government PM five days after receipt of Government PM direction. The FEIS will be of high quality printing and bound in a three-ring binder. The Contractor will update the mailing list of interested agencies and persons used for DEIS distribution and submit for Government PM review and approval concurrent with submittal of the FEIS for DASN Briefing. During the DASN review and brief process there is normally a requirement for edification and printing of additional pages or supplemental pages to the document. These are usually short notice and immediate action items. The Contractor will be responsible for providing these changes and pages throughout the review and approval process as requested by the Government PM. Assume 400 of printed pages will be edited, printed and expressed mailed. After DASN approval of the FEIS, the Contractor will print 200 copies of the FEIS and disseminate to the approved mailing list using First Class mail. The FEIS will be mailed so that delivery corresponds with the Federal Register published Notice of Availability. Additionally, the Contractor will prepare 200 copies of the FEIS on CD in Adobe Acrobat format and express mail the CDs as directed by the Government PM. The FEIS, once approved and released, will be posted on the public portion of the project web site. The electronic version of the FEIS will have "key word" search capability.

The Contractor will allow for both Tiger Team review meetings to be two-days in length with one additional day allowed for travel. For West Coast EIS, meetings will be held in San Diego.

4.15 OPTION: FEIS NOTIFICATION

The Contractor shall a) provide notification copies of the FEIS, and b) prepare and publish a newspaper advertisement.

The Contractor will be responsible for responding to requests for additional copies of the FEIS for official notifications during this period, such as copies for the Office of Legislative Affairs. The Contractor should allow for the printing and express mailing of 20 additional copies to support this effort.

The Contractor will be responsible for preparing a FEIS Notice of Availability for publication in local newspapers as denoted in the PIP. For estimating purposes, the Contractor should assume nine (9) newspapers. The Contractor will be responsible for actions and costs associated with the publication of the notice. Bilingual or multilingual notices will be utilized as determined in the PIP. For estimating purposes, the Contractor will assume that bilingual advertisements will not be required. The appropriate type and size of ad will be determined and documented in the PIP, but for estimating purposes, the Contractor should assume that a 1/16th-page block advertisement is the preferred size and type of newspaper notification. A legal notice alone is normally not sufficient for this notification. A draft of the block ad will be prepared by the Contractor and submitted electronically to the Marine

Corps within five days after the FEIS is approved by the DASN. The Contractor will incorporate Government comments and submit an electronic final version of the ad three days after receipt of Marine Corps comments. The Contractor will provide a copy of the printed ad and affidavit from the publishing source to the Government PM within 30 days after the ad is published. The Contractor will be responsible for providing a copy of the notice to the Marine Corps PAO listed in the PIP prior to publication in the newspaper. A copy of this notice will be posted on the public portion of the project web site.

4.16 OPTION: RECORD OF DECISION (ROD)

The Contractor will be responsible for a) preparing responses to public comments, b) preparing the ROD, c) printing and mailing the signed ROD, d) preparing a project CD with ROD and FEIS, and e) publish and print a block ad of the availability of the ROD.

The Contractor will prepare an electronic summary of public comments received during the FEIS public review period with proposed Marine Corps responses to the comments. This will be reviewed by the Marine Corps, revised as necessary by the Contractor, and submitted to HQMC/DASN for review and final approval. The Contractor will initially submit comments and responses electronically within five (5) days after the close of the Public Review Period.

The Contractor will prepare an electronic version of the ROD for the Marine Corps approval and publication. The Contractor will prepare a draft ROD that summarizes the proposed action, alternatives, potential impacts, and public concerns voiced during review of the FEIS. The Draft ROD (Version 1) will be submitted electronically 20 days after the close of the public review period. The Contractor will incorporate comments of Version 1 and electronically submit Draft ROD Version 2 for Marine Corps review five days after Marine Corps comments are received. It should be anticipated that additional comments will be received and an electronic Version 3 will be required. Version 3 will be submitted 3 days after receipt of Marine Corps comments.

Upon notification from the Government PM, the Contractor will prepare a Final ROD for submittal electronically within 3 days of Government PM direction. Once the ROD is signed by the DASN, the Contractor will print the ROD and mail via First Class to all interested persons and organizations on the updated and approved mailing list. The mailing will be timed to coincide with publication of the ROD in the Federal Register. The Contractor will pay newspaper publication fees for the ROD notice.

The Contractor will prepare 200 copies of a CD containing the FEIS and signed ROD and delivered via mail as directed by the Government PM within 10 days after the ROD is signed. The approved ROD shall be posted on the public portion of the project web site. Both documents will have "Key Word" search capability.

The Contractor will be responsible for preparing a ROD Notice of Availability for publication in local newspapers as determined in the PIP. For estimating purposes, the Contractor should assume three (3) newspapers. The Contractor will be responsible for actions and costs associated with the publication of the notice. The notice will be published on three consecutive days for daily publications and once for weekly or monthly circulations. Bi-lingual or multi-lingual notices will be utilized as determined in the PIP. For estimating purposes, the Contractor should assume that bi-lingual advertisements will not be required. The appropriate size and type of ad will be designated in the PIP, but for estimating purposes, assume that a 1/16th-page block advertisement is the preferred size and type of newspaper notification. A legal notice alone is normally not sufficient for this notification. A draft of the block ad will be prepared by the Contractor and submitted electronically to Marine Corps for review and approval prior to publication. The Contractor will provide a copy of the printed ad and affidavit from the publishing source to the Government PM within 30 days after publication. The Contractor will be responsible for providing a copy of the Notice to the PAOs listed in the PIP prior to publication in the newspaper. A copy of this notice will be posted on the public portion of the project web site.

4.17 OPTION: OTHER STUDIES/SUPPORTING DOCUMENTS

The following supporting documents and studies must be prepared by the Contractor as part of the effort of this SOW to complete NEPA documentation. The following paragraphs provide a brief description of each required effort.

4.17.1. Biological Assessment (BA)

This effort will gather and analyze existing information on Threatened and Endangered (T&E) species in support of the Endangered Species Act (ESA), including existing Biological Opinions as appropriate. This requirement includes the preparation and publication of the draft and final BAs and assistance to the Marine Corps in potential consultation with the appropriate regulatory agencies. (Detailed requirements for services, submittals, meetings and times are provided in Appendix D). Where applicable, the Contractor shall use existing natural resources survey data. The need for additional surveys may be identified based on operational data gathering efforts and DOPAA development. If additional surveys are needed to support consultation efforts, they will be covered under a separate task order.

4.17.2. Cultural Resource Literature Search and Analyses

This effort will identify and analyze cultural resources including archeological sites, resources of interest to Native Americans, and historic structures that may be affected by the Proposed Action to comply with Section 106 of the National Historic Preservation Act. The effort includes a literature search and analysis on historical structures within the facilities and portions of the Ranges being analyzed in the EIS. There is no need for a separate appendix for this effort. Information will be included in the cultural resources section of the EIS. Where applicable, the contractor shall use existing cultural resources survey data. The need for additional surveys may be identified based on operational data gathering efforts and DOPAA development. If additional surveys are needed to support consultation efforts, they will be covered under a separate task order. The USMC will take the lead in all consultation efforts (Section 106 and consultation with Native American tribes).

4.17.3. Coastal Zone Consistency Determination

The Contractor shall prepare a draft and final coastal zone documentation to certify that the proposed actions do not impact the coastal zone or that the proposed action complies with the enforceable policies of the applicable State's Coastal Management Programs.

4.18 OPTION: INCLUSION OF OPERATIONAL TESTING AND EVALUATION (OT&E) JSF SQUADRON (HOMEBASING AND OPERATIONS)

The Contractor shall expand the Proposed Action described in Section 2.1 to include the potential relocation in 2014 of one (1) USMC JSF OT&E squadron (6 aircraft squadron) from Edwards AFB to an USMC installation capable of supporting OT&E requirements. As part of this Option, the Contractor shall gather all pertinent information regarding the O&TE mission and joint operation with the USAF OT&E at Edwards AFB. This information shall be used by the Contractor to determine the range of reasonable alternatives for basing the OT&E squadron at an USMC installation. For cost estimating purposes, the Contractor shall assume a small range of alternatives (up to 3 alternatives) with MCAS Yuma being the Preferred Alternative. The Contractor shall further assume that the addition of the JSF OT&E squadrons to the EIS scope will equate to an increase in the total number of squadrons to the overall homebasing decision.

4.19 MEETINGS

The listed meeting locations below are for planning purposes and cost estimating. Actual locations may change.

SOW Related Section	Meeting Purpose	Location	Duration (days)*
4.1	Project Kickoff	San Diego	2
4.2	PIP Development Meeting	San Diego	1 ^s
4.4	Pre-Scoping Meeting	San Diego	2
4.4	Pre-Scoping Agency Briefs	San Diego	8
4.4	Scoping Workshop #1	San Diego	3
4.4	Scoping Workshop #2	San Diego	3
4.4	Scoping #3	San Diego	3
4.4	Scoping Comment Review Meetings	San Diego	2
4.7	DEIS Tiger Team Review 1	San Diego	3
4.7	DEIS Tiger Team Review 2	San Diego	3
4.7	HQMC and TTF DEIS Briefing	Washington, D.C.	2
4.8	Pre-Public Hearing Meeting	San Diego	2
4.8	Pre Public Hearing Agency Briefs	San Diego	8
4.8	Public Hearing #1	San Diego	3
4.8	Public Hearing #2	San Diego	3
4.8	Public Hearing #3	San Diego	3
4.8	Public Comment Review Meeting	San Diego	2
4.10	HQMC TTF Briefing	Washington, D.C.	2
4.13	FEIS Tiger Team Review #1	San Diego	3
4.13	FEIS Tiger Team Review #2	San Diego	3
4.13	HQ MC and TTF FEIS Briefing	Washington, D.C.	2
4.13	MCI West Quarterly Meetings and Marine Corps Meetings	San Diego	12
4.16	Fish and Wildlife Service	Carlsbad, CA	4

- All meetings include one additional day for travel to and return home.
- It is assumed that numerous informal meetings will be held to clarify and gather information; however, these meetings are assumed to be part of the data gathering and coordination needed within each task, would generally not require travel expenditure, and are included in production effort.
- This meeting will be held in conjunction with Kickoff meeting (no additional travel days included).

4.20 DELIVERABLES

All documents, maps and illustrations must be of high quality and easily reproducible on standard or color copiers. Documents will be double-sided, single spaced, on 8 1/2" by 11" paper in manuscript format, with standard outline spacing. Maps identifying the location of the project will be included within the document and may be used along with tables, figures and illustrations throughout the document to more efficiently display project related information. Fold out pages should be avoided. If these are necessary, they will be no larger than 11" by 17" and have the same design as the 8 1/2" by 11" graph pages and will be approved by the government before document preparation. All pages of the documents will be appropriately numbered and bound. The Contractor shall use 30% recycled paper for draft documents, with each line numbered for editing purposes.

The Contractor shall have the text of all deliverables professionally edited for grammar, spelling and punctuation. It will be important to all interested parties that the document presents plain and straightforward discussions understandable at an eighth grade level.

Deliverable	Electronic Posted to Web Site		# Hard Copies	# CDs	Delivery Deadline
	Marine Corps	Public			
Kickoff Meeting Agenda	✓				5 days prior to Kickoff Meeting
Kickoff Meeting Minutes	✓		N/A	N/A	5 days after Kickoff Meeting
PIP Development Meeting Agenda	✓				5 days prior to PIP Dev. Meeting
Draft PIP	✓		N/A	N/A	20 days after PIP meeting
Final PIP	✓		20	N/A	20 days after Government Comments
Draft Federal Register Notice of Intent	✓		N/A	N/A	10 days after Kickoff Meeting
Final Federal Register Notice of Intent	✓		N/A	N/A	5 days after receipt of Marine Corps comments
Draft Newspaper NOI	✓		N/A	N/A	15 days after Kickoff Meeting
Final Newspaper NOI		✓	N/A	N/A	3 days after receipt of Marine Corps comments
Printed Ad & Affidavit	✓		N/A	N/A	30 days after publication
Validated Mailing List	✓				10 days prior to mailing date
Draft Federal Register Scoping Notice	✓				20 days after NTP
Final Federal Register Scoping Notice	✓				20 days after Draft FRS Notice
Draft Scoping notice newspaper ad	✓				20 days after NNL is received at CNO
Final Scoping notice newspaper ad		✓			3 days after Government comments
Printed Newspaper ad and affidavit	✓		N/A	N/A	30 days after publication
Pre-Scoping Meeting agenda	✓		N/A	N/A	5 days prior to Pre-Scoping Meeting
Draft Scoping Materials	✓		N/A	N/A	10 days prior to pre-scoping meeting
Final Scoping Materials	✓				2-Days prior to scoping meeting
Posters		✓	10	N/A	Scoping Meeting
Handouts (5 x 200)		✓	1,000	N/A	Scoping Meeting
Fact sheets (5x 200)					
Agency Brief Fact Sheets, Handouts/Presentation (10pgs x 50 copies) + 50 copies of handout)		✓	550	N/A	As required
Public Comment list & agenda for scoping comment review meeting	✓		N/A	N/A	3 days prior to Scoping Comment Review Meeting
Scoping Comment Review Meeting Minutes	✓		N/A	N/A	5 days after Scoping Comment Review Meeting
IDEIS v.1			70	N/A	175 days after NTP
IDEIS v.2			70	N/A	20 days after receipt of Marine

Deliverable	Electronic Posted to Web Site		# Hard Copies	# CDs	Delivery Deadline
	Marine Corps	Public			
					Corps comments
IDEIS v.3			70	N/A	15 days after receipt of Marine Corps comments
DEIS – DASN Brief			10	N/A	5 days after receipt of Marine Corps comments
DEIS Mailing List	✓		N/A	N/A	Concurrent with DEIS delivered for DASN Brief
DEIS – Public Distribution		✓	200	25	Concurrent with Federal Register Notice of Availability
IHA/ LOA Federal Register Notice	✓				Concurrent with DEIS deliverable
IHA/ LOA draft application					Concurrent with DEIS deliverable
Federal Register Public Hearing Notice		✓	N/A	N/A	25 days prior to Public Hearing
DEIS Official Notification Copies			20	N/A	As required
Draft Newspaper ad	✓		N/A	N/A	5 days after DEIS is approved by DASN
Final Newspaper ad		✓	N/A	N/A	3 days after receipt of Marine Corps comments
Copy of published ad and affidavit	✓		N/A	N/A	30 days after publication
Pre-Public Hearing Meeting Agenda	✓		N/A	N/A	5 days prior to meeting
Agency Brief Presentation/Fact sheets/ Handouts (10 pgs x 50 cys +50 cys of handout)	✓		550	N/A	Date of DEIS NOA
Draft Public Hearing Materials	✓		N/A	N/A	10 days prior to Pre-Public Hearing Meeting
Public Hearing Materials					
Script	✓		5	N/A	3 days prior to Public Hearing
Posters		✓	6	N/A	Public Hearing
Handouts		✓	200	N/A	Public Hearing
Fact Sheets					
Public Comments and meeting agenda	✓		N/A	N/A	5 days prior to review meeting
Public Comment Review meeting minutes	✓		N/A	N/A	5 days after review meeting
IFEIS v.1			70	N/A	35 days after the end of the Public Comment Period
IFEIS v.2			70	N/A	20 days after receipt of Marine Corps comments
IFEIS v.3			70	N/A	15 days after receipt of Marine Corps comments
FEIS – DASN Brief			10	N/A	5 days after receipt of Government PM direction
FEIS – Public Distribution		✓	200	25	Concurrent with Federal Register Notice of Availability

Deliverable	Electronic Posted to Web Site		# Hard Copies	# CDs	Delivery Deadline
	Marine Corps	Public			
Final IHA/ LOA application					Concurrent with FEIS
FEIS Official Notification Copies			20	N/A	As Required
Draft Newspaper ad	✓		N/A	N/A	5 days after FEIS is approved by DASN
Final Newspaper ad		✓	N/A	N/A	3 days after receipt of Marine Corps comments
Copy of published ad and affidavit	✓		N/A	N/A	30 days after publication
Public Comments with Marine Corps Responses.	✓			N/A	5 days after close of Public Review period
Draft ROD Version 1	✓			N/A	20 days after close of Public Review period
Draft ROD Version 2	✓		N/A	N/A	5 days after receipt of Marine Corps comments
Draft ROD Version 3	✓		N/A	N/A	3 days after receipt of Marine Corps comments
Final ROD for DASN	✓		N/A	N/A	3 days after Government PM direction
ROD for Public Distribution		✓	200	N/A	Concurrent with Federal Register publication
FEIS & ROD on CD			N/A	200	10 days after ROD is signed
Newspaper ad with ROD NOA		✓	N/A	N/A	Concurrent with Federal Register publication
Published newspaper ad and affidavit	✓		N/A	N/A	30 days after publication
Project Record			1	50	20 days after ROD publication
Draft MS Projects Schedule	✓		N/A	N/A	5 days after Project Kickoff Meeting
Microsoft Project Schedule	✓		N/A	N/A	10 days after Government Comments
MS Projects Schedule updates	✓		N/A	N/A	As required
Invoice Status and Schedule Reports	✓		N/A	N/A	Part of Invoice Process
Project Team Meeting minutes	✓		N/A	N/A	5 days after the progress meeting
Initial Web site access					20 days after NTP

4.21 SCHEDULE

This schedule is for planning and estimating purposes only. The Contractor will develop more accurate project schedules for each EIS as required under this contract. This schedule denotes only major milestones and does not show all key tasks required to accomplish the project.

Task	Project Calendar Days*	Approximate Date
Project Kickoff Meeting	14	
Microsoft Project Schedule	30	
Federal Register Notice of Intent, Comment	60+ 90	

Period		
Scoping Period Closes	45	
IDEIS V.1		
Comment resolution, meeting		
IDEIS V.2		
Comment resolution, meeting		
IDEIS V.3		
DEIS		
Federal Register Notice of Availability, Comment Period	45	Concurrent with IFEIS development
Public Comment Period Closes		
IFEIS V.1		
IFEIS V.2		
IFEIS V.3		
CA SHPO	60	
Regulatory Agency Consultation: NOAA/Fisheries, FWS, CCC	135	
FEIS		
Federal Register Notice of Availability		
Public Review Period Closes (30 days)		
ROD	730	
Federal Register Publish ROD	750	December 2010

* The A/E shall submit, in writing to the Contracting Officer, any desired schedule changes for review and approval by the Contracting Officer.

4.22 CONTRACTOR EVALUATION

If, during document preparation, the Contractor's work is determined to be unsatisfactory, the Government will conduct a formal review at that time.

The Government will evaluate the Contractor's overall performance. The Contractor will be held fully responsible for all (including sub Contractors') performances and submissions. Evaluation criteria are listed below:

- Completeness
- Data Collection
- Liaison
- Analyses
- Responsiveness to comments/requests
- Quality/accuracy of report and/or recommendations
- Adherence to schedule

A copy of this evaluation will be forwarded to the Contractor.

4.23 GENERAL

If, during fee proposal preparation, the Contractor feels that there is a high probability that identified investigations will yield inadequate data or will fail to meet known regulatory requirements to support the proposed project schedule, a request for scope clarification should be initiated. If the scope clarification discussion does not eliminate these concerns, unresolved issues should be identified both in the fee proposal submission and to the Contracting Officer.

APPENDICES

APPENDIX	NAME
A	Sample DEIS Table of Contents
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5 Cumulative Impacts

- 6 Other Considerations
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2.3	Components of Each Alternative
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2.3.2	Evaluation of Alternative
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2.5	Comparison of Alternatives
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3.3.4	Demographics
3.3.5	Regional Economy
3.3.6	Cultural Resources
3.3.7	Recreation
3.3.8	Hazard Materials and Waste
3.3.9	Public Health and Safety
3.3.10	Protection of Children
3.3.11	Environmental Justice

4	Environmental Consequences
4.1	Physical Resources
4.1.1	Earth Resources
4.1.2	Water Resources
4.1.3	Air Quality
4.1.4	Noise Environment
4.2	Biological Resources
4.2.1	Vegetation
4.2.2	Wildlife
4.2.3	Threatened & Endangered Species
4.2.4	Species of Concern
4.2.5	Marine Mammals
4.3	Socioeconomic Resources
4.3.1	Land Use
4.3.2	Population and Housing
4.3.3	Transportation
4.3.4	Demographics
4.3.5	Regional Economy
4.3.6	Cultural Resources
4.3.7	Recreation
4.3.8	Hazard Materials and Waste
4.3.9	Public Health and Safety
4.3.10	Protection of Children
4.3.11	Environmental Justice
	<u>5 Cumulative Impacts</u>
10	Other Considerations
	Consistency with Other Federal, State, and Local Plans, Policies, and Regulations
	Required Permits and Approvals
	Irreversible and Irretrievable Commitments of Resources
11	List of Preparers
12	References
13	Distribution List
	<u>Appendices</u>

APPENDIX CELECTRONIC DELIVERABLESC-1.0 SPECIFICATIONS FOR DIGITAL DATA.

Any maps, drawings, figures, sketches, databases, spreadsheets, or text files prepared for this contract shall be provided in both hard copy and digital form. The hard copy deliverables are defined in a previous section of this statement of work.

C-1.1. TEXT, SPREADSHEET, AND DATABASE FILES

The Marine Corps and Marine Corps standard desktop computing software is Microsoft Office. Final Reports and other text documents shall be provided in Microsoft Word 2000 format and Adobe Portable Document Format (PDF). Spreadsheet files shall be provided in Microsoft Excel format. Databases shall be provided in Microsoft Access format, unless specified otherwise, as approved by the Government. Prior to database development, the Contractor shall provide the Government with a Technical Approach Document for approval, which describes the Contractor's technical approach to designing and developing the database. All text, spreadsheet, and database files shall be delivered on compact disk read-only memory (CD-ROM) with ISO-9660 format.

C-1.2 GPS SURVEYS

Horizontal accuracy for survey grade GPS data collection shall be ± 1 centimeter at 1 sigma unless otherwise specified in the statement of work. Horizontal accuracy for planning grade GPS data collection shall be ± 2 Meters unless otherwise specified in the statement of work. Every effort shall be made to capture feature locations without using offsets unless obstructions are present. Data sets derived from GPS data collection efforts (mapping or survey grade) shall include metadata to record descriptions of the receiver and other equipment used during collection and processing, base stations used for differential corrections, software used for performing differential corrections, estimated horizontal and vertical accuracies obtained, and conversion routines used to translate the data into final geographic data delivery format. All metadata shall comply with the metadata format requirements as described in this document. Final geographic data delivery format shall comply with the specifications described in this document.

C-1.3. GEOSPATIAL DATA, MAPS, DRAWINGS, AND SKETCHES:

(1) Geographic Data Delivery Format:

(a) Digital geographic maps and the related vector data sets shall be developed using double precision and the data sets shall be delivered in uncompressed ARC/INFO export file format (.e00) using ARC/INFO Release 7.2 or higher. Data sets may alternately be delivered in a personal geo-database format that is Oracle-compatible using ArcGIS 8.3 or higher and must be importable to an Oracle 8i multiuser geodatabase using ArcSDE 8.1 or higher. ARC/INFO, ArcGIS, and ArcSDE are geographic information system software applications produced by the Environmental Systems Research Institute (ESRI) of Redlands, California.

(b) Scale-dependant Mapping Guidelines:

Installation and Sub-Regional Level Mapping:

See NAVFAC Guidelines for Installation Mapping and GeoSpatial Data published by NAVFACENGCOM.

Regional, Theatre-Level Mapping:

Geospatial data for regional, theatre-level mapping (1:24K) shall be provided using precise geographic coordinates in decimal degree format with four decimal precision. Geographic data shall generally be provided in: nautical miles (nm.) for expansive marine areas, and statute miles (mi.) for expansive land areas, and projected into the Universal Transverse Mercator (UTM) coordinate system. Regional maps and data shall use the appropriate UTM Zone(s), the GRS 1980 spheroid and the North American Datum 1983 (WGS-84). No offsets shall be used. Each data set shall have a projection file if appropriate based on format.

Map or drawing scales will be determined by the PM. Mapping accuracy for the agreed scales will conform to the American Society for Photogrammetry and Remote Sensing (ASPRS), "Accuracy Standards for Large-Scale Maps" and "Interim Accuracy Standards for Large-Scale Maps" (ASPRS, 1991). Copies of the ASPRS Accuracy Standards can be obtained by contacting:

American Society for Photogrammetry and Remote Sensing
5410 Grosvenor Lane, Suite 210
Bethesda, MD 20814-2160

ASPRS accuracy standards can also be found on the Internet at:

<http://www.asprs.org>

(c) Any system specific requirements in terms of data compatibility should be addressed. Any geospatial data delivered should be fully compatible with existing government enterprise systems.

(d) Spatial Data shall be consistent with TAP data repository requirements.

(2) Geographic Data Structure: The Contractor shall develop all geographic information in a structure consistent with the Spatial Data Standards (SDS), Version 2.2, released in August, 2002, or a higher version if available at the time of this project. The Contractor shall consult with the Government concerning modifications or additions to the SDS. The Government may approve modifications to the Standard if it is determined that SDS does not adequately address subject datasets. The American National Standards Institute's (ANSI) Committee for Information Technology Standards has approved the Spatial Data Standard for Facilities, Infrastructures, and Environment (SDSFIE) as ANSI standard NCITS 353. Copies of the SDS may be obtained by contacting:

Director, U.S. Army Engineer Waterways Experiment Station
CADD/GIS Technology Center
Attn: CEWES-IM-DA/Smith
3909 Halls Ferry Road
Vicksburg, MS 39180-6199

Electronic copies of the Standards are also available from the CADD/GIS Technology Center's Internet homepage at URL address:

<http://tsc.wes.army.mil>

(3) Content Specifications for Geospatial Data:

The Contractor shall develop all geographic information in a structure consistent with the latest version of Spatial Data Standards (SDS). Specific content for environmental planning and range planning themes supplemental SDS is available from the NAVFAC Data Committee. The Contractor shall consult with the Government concerning modifications or additions to the SDS.

The environmental data themes and attributes developed by the NAVFAC Data Committee have been specified to augment the existing standards in order to make geospatial data more useful to the specific business functions involved in environmental and ranges planning. Subject matter experts identified these themes to add value and relevancy to geospatial data deliverables. "Best available data" shall be provided, and will be evaluated based on whether appropriate regulatory or other authoritative sources were used to acquire raw or complete data for specific themes (see Geographic Data Review below).

(4) Geographic Data Documentation:

For each digital file delivered containing geographic information (regardless of format), the Contractor shall provide documentation consistent with the "Content Standards for Digital Geospatial Metadata, June 1998" published by the Federal Geographic Data Committee. The documentation shall include but is not limited to the following: the name and description of the map layer or coverage, the source of the data and any related data quality information such as accuracy and time period of content, description of equipment or instruments used in the data collection, the type of data coverage (point, line, polygon, etc.), the field names of all attribute data and a description of each field name, the definition of all codes used in the data fields, the ranges of numeric fields and the meaning of these numeric ranges, the creation date of the map layer and the name of the person who created it. A point of contact shall be provided to answer technical questions. Metadata generation tools included in the ArcGIS suite of software shall be used in the production of the required metadata in XML format. Alternately, another metadata generation tool called document.aml is available from ESRI for use with ARC/INFO to produce the required metadata. If neither of these tools are used, the Contractor must insure that the metadata is delivered in a format which can be easily translated to the XML format. All metadata needs to comply with the Federal Geographic Data Committee (FGDC) format. Copies of the FGDC metadata standard can be obtained by contacting:

FGDC Secretariat
c/o U.S. Geological Survey
590 National Center
Reston, Virginia 22092
(703) 648-5514

FGDC metadata standards can also be found on the Internet at:

URL <http://www.fgdc.gov/metadata>

(5) Geographic Data Review:

The digital geographic maps, related data, and text documents shall be included for review in the draft and final contract submittals. The reviews shall include a visual demonstration of the geographic data on one of the Sun Sparc or Windows computer systems supported by the Geographic Information System (GIS) Section, Business and Logistics Support Department. Contractor shall have a technical consultant available at each review to assist with any digital data discrepancies. The data will be analyzed for subject content and system compatibility. Review of comments to data and text shall be incorporated by the Contractor prior to approval of the final submittal.

In all cases "Best Available Data" should be provided. The government will evaluate Contractors performance in delivering the "best available data" based on the following criteria:

- Raw or complete data has been acquired from the appropriate regulatory or authoritative sources.
- Compliance with existing standards and data content guidance
- Age of Data
 - Date gathered
 - Date published
- Collection Method
 - Tools
 - Platforms (e.g. foot, ship, plane, vehicle)
 - Review Process

- Completeness of Data
 - Number of errors identified
 - Complete set of attributes
- Who gathered data
- Where did data come from
- Spatial Resolution
- Quality and completeness of metadata
- Compatibility with known good datasets
- Geographic extent
- Data use restrictions
- Relationships built with data gatherers

(6) Ownership:

All digital files, final hard-copy products, source data acquired for this project, and related materials, including that furnished by the Government, shall become the property of the Marine Corps, and will not be issued, distributed, or published by the Contractor. All files shall be a deliverable at the IDEIS deliverable period, and at the FEIS deliverable.

APPENDIX D BIOLOGICAL ASSESSMENT

D-1.0 GENERAL INFORMATION

This appendix establishes the Marine Corps requirements for ensuring military readiness and sustainability while complying with natural resource protection laws, and conserving and managing natural resources. Reference Marine Corps Order P5090.2A, Environmental Compliance, Chapter 12 for specific guidance.

D-2.0 SERVICES REQUIRED

D-2.1 MEETINGS

The Contractor will attend the following meetings and be responsible for preparing the agenda and minutes of each meeting.

1. Meet with Marine Corps to discuss scoping of BA and potential for Terrestrial and Marine BAs.
2. Meet with Marine Corps to discuss review comments on the Draft BA.
3. Meet with Marine Corps to discuss review comments on the Proof Final BAs

The Contractor shall prepare and disseminate meeting agendas electronically at least three days prior to the meeting. The Contractor shall prepare and disseminate meeting minutes electronically within five days after the meeting.

D-2.2 DRAFT BA

The Contractor will prepare a draft BA.

The Contractor will prepare and submit a Draft BA for Marine Corps review. The BA will include issues for consultation with FWS. The BA shall follow the most current format recommended by FWS guidance on BA preparation. The Draft BA shall be submitted in both electronic and hard copy formats (20 copies). The Draft BA will be submitted at the same time as the IDEIS version 1. The same style format, using MSWORD, as the EIS document is required. The BA shall include the following:

1. An introduction that will provide the reviewing agency with adequate background and knowledge of the project and its intent.
2. A description of Consultation History that has occurred within the operational footprint that may be pertinent to the action.
3. A short and concise description of the alternatives considered within the EIS.
4. A list and short discussion of the Species Considered.
5. Survey information for the species evaluated.
6. A description of the environmental baseline.
7. A description of the effects of the proposed action and No Action.
8. A Determination of Effect.
9. Mitigation Measures.

D-2.3 PROOF FINAL BAs

The Contractor will prepare a Proof Final BA.

The Contractor will incorporate Marine Corps comments into a Proof Final BA and submit for Marine Corps review. The Proof Final BA will be submitted in a red-line format so the changes are visible to the reviewers. The submittal will be in both electronic and hard copy formats (20 copies). The Proof Final BA will be submitted within 30-days after the review meeting for the Draft BA.

D-2.4 FINAL BA

The Contractor will prepare a Final BA.

The Contractor will incorporate Marine Corps comments into Final BA. The Final BA shall be complete and edited for submittal to the regulatory agencies for review. The Final BA shall include a draft transmittal letter for Marine Corps use. The Contractor will participate in a consultation meeting with regulators to resolve any concerns about the action and BA. The submittal will be in both electronic and hard copy formats (20 copies) and is due within 21-days after receipt of Marine Corps comments on the Proof Final BA.

D-2.5 REVISE BA

The Contractor will prepare a revised Final BA.

The Contractor will revise the BA to reflect any comments made by the regulatory agencies. The Revised BA should be complete and edited for inclusion in the FEIS and resubmitted to the regulatory agencies for concurrence. The submittal will be in both electronic and hard copy formats (20 copies). The revised BA will be submitted within 21-days of receipt of Agency comments.

D-3.0 MEETINGS, DELIVERABLES, SCHEDULE**D-3.1 MEETINGS**

SOW Section	Meeting Purpose	Location	# of Days*
D-2.1	Marine Corps Meeting	San Diego	2
D-2.1	Draft BA Review	San Diego	2
D-2.1	Proof Final BA Review	San Diego	2
D-2.4	Agency Meeting	San Diego	2

D-3.2 DELIVERABLES

SOW Section	Deliverable	Electronic	# Hard Copies	# CDs	Delivery Deadline
D-2.1	Meeting Agendas	✓	N/A	N/A	5 days prior to Meetings
D-2.1	Meeting Minutes	✓	N/A	N/A	5 days after Meetings
D-2.2	Draft BA	✓	10	N/A	w/ IDEIS v. 1
D-2.3	Proof Final BA for Terrestrial Biology	✓	10	N/A	30 days after Draft BA Review Meeting
D-2.4	Two Final BAs	✓	10	N/A	21 days after receipt of Marine Corps Comments on Proof Final BA
D-2.5	Revised Final BA	✓	N/A	N/A	21 days after receipt of Agency comments on Final BA

D-3.3 SCHEDULE

This schedule is for planning and estimating purposes only. The Contractor will develop a more accurate project schedule as required under this SOW. This schedule denotes only major milestones and does not show all key tasks required to accomplish the project.

Task	Project Calendar Days*	Approximate Date
BA Scoping Meeting	21	
Draft BA	245	
Review Meeting #1	259	
Proof Final BA	289	
Review Meeting #2	303	
Final BA	324	
Revised Final BA	405	

*Project Calendar Days will be converted to project workdays in the Microsoft Projects Schedule.

The A/E shall submit, in writing to the Contracting Officer, any desired schedule changes for review and approval by the Contracting Officer.

APPENDIX E CLEAN AIR ACT CONFORMITY ANALYSIS

E-1.0 GENERAL INFORMATION

In order to ensure that Federal activities do not hamper local efforts to control air pollution, Section 176(c) of the Clean Air Act (CAA), 42 U.S.C. 7506(c), prohibits Federal agencies, departments or instrumentalities from engaging in, supporting, providing financial assistance for, licensing, permitting or approving any action which does not conform to an approved State or Federal implementation plan.

Conformity to an implementation plan means: Conformity to a plan's purpose of eliminating or reducing the severity and number of violations of the National Ambient Air Quality Standards (NAAQS) and achieving expeditious attainment of such standards; and that such activities will not (1) cause or contribute to any new violation of the NAAQS; (2) increase the frequency or severity of an existing violation; or (3) delay the timely attainment of a standard, interim emission reduction, or milestone. Section 176(c) was amended in 1995 to clarify that the conformity requirements apply only to designated non-attainment and maintenance areas.

The Conformity Analysis shall be prepared in accordance with MCO 5090.2A. The Conformity Analysis will include at least 3 air basins: Ventura, South Coast and San Diego.

E-2.0 SERVICES REQUIRED

The following strategy is recommended in completing the Clean Air Act Conformity Analysis:

1. Complete a Conformity Review for the proposed Marine Corps action.
2. Prepare the appropriate level of documentation.
3. Complete any required coordination and review as appropriate.
4. Integrate analysis with NEPA document preparation.

E-2.1 CONFORMITY REVIEW

The Contractor shall complete a conformity review and prepare a technical paper to determine the appropriate level of documentation.

The Contractor shall complete the analyses in accordance with MCO 5090.2A, as appropriate to perform a conformity review. The Contractor will initiate this review upon approval of the DOPAA that will delineate the Proposed Action and Alternatives, all of which must be evaluated. The Contractor will prepare a technical paper to document the conclusions of a Conformity Review and submit for Marine Corps concurrence. The Technical Paper will be submitted electronically within 90 days of contract award (DOPAA approval). If the Technical Paper results in a conclusion that no further documentation is required, the Technical Paper will be integrated into the NEPA instrument. Any other conclusion will require completion of addition steps delineated in the following tasks.

E-2.2 DATA ANALYSIS/INTERNAL DRAFT CONFORMITY DETERMINATION

The Contractor shall complete collect data, complete an analysis, and prepare an Internal Conformity Determination as required.

The Contractor shall complete the analyses in accordance with MCO 5090.2A, as appropriate, to determine the effect on air quality from the proposed action and alternatives considered. Should it be concluded that it is necessary, the Contractor will prepare an Internal Draft Conformity Determination in electronic format. This Internal Draft Conformity Determination will be completed within 120 days after submission of the Technical Paper from Task E-2.1. The Conformity Determination must constitute a complete analysis, including satisfaction of all the requirements necessary for a Final Conformity Determination.

E-2.3 AGENCY DRAFT CONFORMITY DETERMINATION

The Contractor shall a) prepare an Agency Draft Conformity Determination, and b) publish an availability notice.

The Contractor shall incorporate Marine Corps comments on the Internal Draft Conformity Determination and prepare an Agency Draft Conformity Determination. The Agency Draft will provide the Marine Corps an electronic format version and incorporate the Determination into the Draft Environmental Impact Statement as a “stand-alone” appendix. This appendix must stand-alone for all regulatory and public review, so it should contain a general description of the proposed action.

The Contractor will ensure that the DEIS Notice of Availability include a statement notifying the public that a Conformity Determination is available for public review. If one notice is published announcing the availability of both documents, then the single notice must clearly state that the notice is for both NEPA and General Conformity purposes.

E-2.4 FINAL CONFORMITY DETERMINATION

The Contractor shall a) prepare a draft Final Conformity Determination, b) a Final Conformity Determination, and c) publish an availability notice.

The Contractor will prepare responses to the comments received on the Agency Draft Conformity Determination and incorporate these changes and comments into a *draft* Final Conformity Determination. The Contractor will prepare an electronic version of the *draft* Final Conformity Determination for Marine Corps review and submit this within 30 days after the public comment period closes for the Agency Draft Conformity Determination. The Contractor will incorporate Marine Corps review comments and prepare a Final Conformity Determination that will be included as a stand-alone appendix in the FEIS. The Notice of Availability for the FEIS will also include notice to the public of the Final Conformity Determination.

E-3.0 MEETINGS, DELIVERABLES, SCHEDULE**E-3.1 MEETINGS**

No additional meetings are anticipated for Conformity Analysis/Determination kickoff, process or review. All actions and reviews will be coordinated with EIS meeting efforts.

E-3.2 DELIVERABLES

SOW Section	Deliverable	Electronic	# Hard Copies	# CDs	Delivery Deadline
E-2.1	Technical Paper	✓	N/A	N/A	90 days after Contract Award
E-2.2	Internal Draft Conformity Determination	✓	N/A	N/A	120 days after Technical Paper
E-2.3	Agency Draft Conformity Determination	✓	N/A	N/A	Submitted as appendix to DEIS
E-2.3	Notice of Draft Conformity Determination	✓	N/A	N/A	Published as part of DEIS NOA
E-2.4	<i>Draft</i> Final Conformity Determination	✓	N/A	N/A	30 days after Public Comment Period
E-2.4	Final Conformity Determination	✓	N/A	N/A	Submitted as appendix to FEIS
E-2.4	Notice of Final Conformity	✓	N/A	N/A	Published as part of FEIS

SOW Section	Deliverable	Electronic	# Hard Copies	# CDs	Delivery Deadline
	Determination				NOA

E-3.3 SCHEDULE

This schedule is for planning and estimating purposes only. The Contractor will develop a more accurate project schedule as required under this SOW. This schedule denotes only major milestones and does not show all key tasks required to accomplish the project.

Task	Project Calendar Days* ⁺	Approximate Date
Technical Paper	90	
Internal Draft Conformity Determination	210	
Agency Draft Conformity Determination	DEIS Submittal	
Draft Final Conformity Determination	30 days after public comment period	
Final Conformity Determination	FEIS Submittal	

* Project Calendar Days will be converted to project workdays in the Microsoft Projects Schedule and tied into the EIS project schedule.

+ Project Day 0 is defined as contract award day. Project days for this effort are forecast with the assumption that the DOPAA has been approved at the time of contract award.

The A/E shall submit, in writing to the Contracting Officer, any desired schedule changes for review and approval by the Contracting Officer.

Section F - Deliveries or Performance

DELIVERY INFORMATION

CLIN	DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
0001	11-DEC-2011	6,449,487.33	N/A FOB: Destination	
000101	N/A	N/A	N/A	N/A

Section G - Contract Administration Data

ACCOUNTING AND APPROPRIATION DATA

AA: 17 08081106 27A0 0000 00027 067443 2D 000000

COST CODE: 08608RCPX007

AMOUNT: \$6,449,487.33

CIN 00000000000000000000000000000000: \$6,449,487.33